

# INTERNSHIP COMPLETION CERTIFICATE



Presented to

**Ms. Shreya Goja**

student of **Cummins College** for successfully completing  
Internship with Fresh Gravity from **June 5, 2023**, to  
**September 29, 2023**.

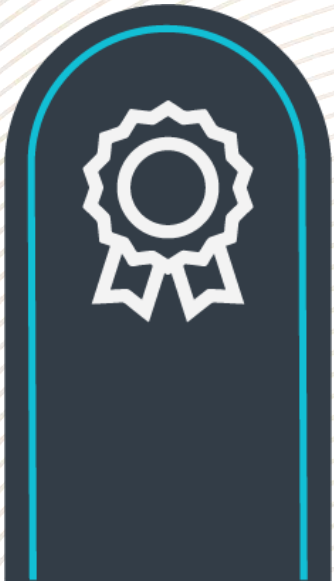
Best wishes for all future endeavors.

October 12, 2023

DATE

A handwritten signature in blue ink that reads "Kulkarni".

**Sonali Kulkarni**  
HR Manager





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"DANCE ACADEMY WEBSITE"**

Submitted by

STUDENT NAME	C.NO.
SHREYA GOJA	C22020221301
RICHA DESHPANDE	C22020221334
MAHIMA SAWANT	C22020221444

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Priya Deokar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Priya Deokar)  
Guide  
Department of Computer Engineering

(Dr. Sunita Jahirabdkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04-01-2024

CCEW, Department of Computer Engineering 2023-24

# INTERNSHIP COMPLETION CERTIFICATE

Presented to

**Ms. Aparna Pandita**

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student of **Cummins College** for successfully completing  
Internship with Fresh Gravity from **June 5, 2023**, to  
**September 29, 2023**.

Best wishes for all future endeavors.

October 12, 2023

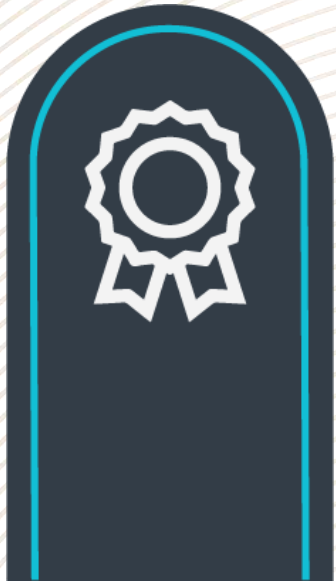
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DATE



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**Sonali Kulkarni**  
HR Manager





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled  
**"GANDHAR EVENT MANAGEMENT SYSTEM"**

Submitted by

STUDENT NAME	CNUM
Aparna Pandita	C22020221302
Rujuta Damle	C22020221330
Purva Thite	C22021882901
Shraddha Paymode	C22020221428

is a Bonafide student at this institute and the work has been carried out by her under the supervision of **Mrs. Sunita Jahirabdkar** and **Mrs. Simantinee Kulkarni**. It is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**(Prof. Simantinee Kulkarni)**

Guide,

Department of Computer Engineering

**(Dr. Sunita Jahirabdkar)**

HOD,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 04-01-2024



## CERTIFICATE



This is to certify that the 6 months project report entitled

### **“ ESTIMATION OF PM2.5 VALUES ON IMAGES USING MACHINE LEARNING”**

Submitted by

1. Poonam Bahiram: C22020221315
2. Sheenu Bhatt :C22020111101
3. Shruti Mahajan: C22020221303
4. Apurva Patil: C22020221419

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof.Meenal Kamlakar and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karve nagar, pune (an autonomous institute affiliated to savitribai phule pune university.), for the award of the degree of Bachelor of Technology (Computer Engineering).

A handwritten signature in black ink, appearing to read "m Kamlakar".

**Prof. Meenal Kamlakar**  
Guide  
Department of Computer Engineering

A handwritten signature in black ink, appearing to read "Sunita Jahirabadkar".

**Dr. Sunita Jahirabadkar**  
Head  
Department of Computer Engineering

A handwritten signature in black ink, appearing to read "Madhuri B. Khambete".

**Dr. Madhuri B. Khambete**  
Principal  
MKSSS's Cummins College of Engineering for Women, Pune - 411052



Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwada  
Pune – 411 006

August 18, 2023

Tel +91 (20) 71296000

**SERVICE CERTIFICATE**

This is to certify that Ms. Tejasvi Zutshi was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the CIB Tech Grad Pune Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Tejasvi Zutshi all success in her future endeavors.

Yours faithfully,  
**Deutsche India Private Limited**

A handwritten signature in blue ink, appearing to read 'Alok', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, written over a horizontal line.

**Authorised Signatory  
Human Resources**



**To whomsoever it may concern**

This is to certify that **Raina, Vanshika** from MKSSS's Cummins College of Engineering for Women, was working with Dell Technologies for Internship Project.

Project Details	
Project Name	Contract Discount Validation Analytics
Duration	03-Jul-2023 to 01-Sep-2023
Location	Bangalore
Reporting Manager Name	Ghosh, Uttam

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled


**"AYURVEDIC NAVIGATION SYSTEM FOR DIAGNOSIS OF SKIN AND HAIR DISEASES"**

Submitted by

SHRUTI VAISHNAV  
VANSHIKA RAINA  
SHRUTI DESHMUKH  
RUTUJA BURANDE


C22020221466  
C22020221305  
C22020441621  
C22020221908

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Anjali Naik** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Anjali Naik)  
Guide

Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 4<sup>th</sup> January 2024





## CERTIFICATE

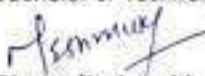
this is to certify that the 6 months project report entitled

### FIRE SAFETY PREPAREDNESS USING VR

Submitted by

<b>ADITI RAZDAN</b>	<b>C22020221308</b>
<b>KELENGUNUO THEUNUO</b>	<b>C22020221307</b>
<b>KRISHMA KOUL</b>	<b>C22020441601</b>
<b>LABDHI CHHAJER</b>	<b>C22020441643</b>

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Nutan Deshmukh and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of Bachelor of Technology Computer Engineering.

  
**Prof. Nutan Deshmukh**  
Guide

Department of Computer Engineering

  
**Dr. S.A. Jabirabadkar**  
Head

Department of Computer Engineering

  
**Dr. Madhuri B. Khambete**  
Principal

MKSSS's Cummins College of Engineering for Women, Pune - 411052

Date: 04 Jan 2024

Place: Pune



## CERTIFICATE

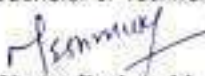
this is to certify that the 6 months project report entitled

### FIRE SAFETY PREPAREDNESS USING VR

Submitted by

<b>ADITI RAZDAN</b>	<b>C22020221308</b>
<b>KELENGUNUO THEUNUO</b>	<b>C22020221307</b>
<b>KRISHMA KOUL</b>	<b>C22020441601</b>
<b>LABDHI CHHAJER</b>	<b>C22020441643</b>

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Nutan Deshmukh and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of Bachelor of Technology Computer Engineering.

  
**Prof. Nutan Deshmukh**  
Guide

Department of Computer Engineering

  
**Dr. S.A. Jabirabadkar**  
Head

Department of Computer Engineering

  
**Dr. Madhuri B. Khambete**  
Principal

MKSSS's Cummins College of Engineering for Women, Pune - 411052

Date: 04 Jan 2024

Place: Pune



Maharshi Karve Struc Shikshan Samithi's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)  
**Department of Computer Engineering**



## CERTIFICATE

This is to certify that the project report entitled

**CourseCompanion : A Personalized Course Recommendation System**

Submitted by

SHWETA PATIL  
SHRUTI ADHAV  
PRERANA GAMARE

C22020221453  
C22020221309  
C22019221343

are bonafide student of this institute and the work has been carried out by them under the supervision of **Dr. Sheetal Barekar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering (Computer Engineering)**.

**Dr. Sheetal Barekar**  
Internal Guide  
Dept. of Computer Engg.

**Dr. Sunita Jahirabadkar**  
Head,  
Dept. of Computer Engg.

**Dr. M.B. Khambete**  
Principal  
Cummins College of Engineering for Women  
Pune - 52.

Place: Pune

Date: 4-01-2024



Date – 20<sup>th</sup> Dec 2023

### Certificate of Completion

To Whomsoever It May Concern

This letter serves as confirmation that **Miss. Shweta Ambekar** has undergone an internship program with Techdenovo. She has been working with us as a **Software Developer Intern** from the mentioned date (20<sup>th</sup> June 2023 to 20<sup>th</sup> December 2023).

She was involved in the project of **Building an Ott Platform for Presenting Cultural skill and talent around the country.**

Please don't hesitate to contact us should you have any questions or concerns on [info@techdenovo.com](mailto:info@techdenovo.com) or +919561774071

Thanks & Regards

Kalyan Mazumder

## CERTIFICATE OF APPRECIATION

This is to certify that **Ms. Anjani Kadam** from MKSSS's Cummins College of Engineering for Women, Pune has completed her project-based internship from 12th June 2023 to 12th December 2023.

The project entitled "**Fire Detection- AI**" was completed by her team during this tenure at Prescient Technologies Baner, Pune.

The student has completed all her assignments related to this project with brilliance. Her responsibilities consisted of Design, Implementation & Verification of all the programs & Application. Her energy and passion towards this internship program and learning was commendable. She has been a nice intern to work with and showed a pleasant drive to achieve technical and personal goal.

On behalf of our management team, we wish her all the luck in the achievement of her future endeavors.

For Prescient Technologies



Name: Pratap Patil  
Program Manager



**WELLS  
FARGO**

Wells Fargo International Solutions Private Ltd  
(Formerly Wells Fargo EGS (India) Private Ltd)  
Wells Fargo Center, Embassy Tech Village (SEZ),  
Devarabeesanahalli, Outer Ring Road,  
Varthur Hobli, Bengaluru -560103, India  
91 80 4397 4000, 91 80 4397 4100 (Fax)

**August 18, 2023**

**Intern Name: Anushka Karambelkar**

**Intern ID: 2143198**

**Re: Certificate of completion of Internship**

**Dear Anushka,**

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from June 19, 2023 till August 11, 2023 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact [Indiafinalsettlement@wellsfargo.com](mailto:Indiafinalsettlement@wellsfargo.com) if you have any questions on the exit process.

Please contact [WFIPvendorqueries@wellsfargo.com](mailto:WFIPvendorqueries@wellsfargo.com) for background verifications.

Sincerely,

**For Wells Fargo International Solutions Private Ltd**

**Durgesh Nagarkatte**

Vice President – HR





Maharshi Karve Street Shikshan Samithi's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

### "PREDICTIVE AND PRESCRIPTIVE MAINTENANCE OF RENEWABLE ENERGY GENERATION SYSTEMS"

Submitted by


STUDENT NAME: Anushka Karambelkar

CNUM : C22020221312

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Aparna Hajare and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Technology (Computer Engineering).

  
(Prof. Aparna Hajare)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khamble)  
Principal,  
Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 03-02-2024

CCEW, Department of Computer Engineering 2023-24

November 30, 2023

To Whom It May Concern

This is to certify that Swarangee Apte has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)

Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 1-Sep-2023, Shruti Rameshwar Atkar successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Shruti Rameshwar Atkar best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*



## CERTIFICATE



This is to certify that the 6 months project report entitled

### **“ ESTIMATION OF PM2.5 VALUES ON IMAGES USING MACHINE LEARNING”**

Submitted by

1. Poonam Bahiram: C22020221315
2. Sheenu Bhatt :C22020111101
3. Shruti Mahajan: C22020221303
4. Apurva Patil: C22020221419

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof.Meenal Kamlakar and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karve nagar, pune (an autonomous institute affiliated to savitribai phule pune university.), for the award of the degree of Bachelor of Technology (Computer Engineering).

A handwritten signature in black ink, appearing to read "m Kamlakar".

**Prof. Meenal Kamlakar**  
Guide  
Department of Computer Engineering

A handwritten signature in black ink, appearing to read "Sunita Jahirabadkar".

**Dr. Sunita Jahirabadkar**  
Head  
Department of Computer Engineering

A handwritten signature in black ink, appearing to read "Madhuri B. Khambete".

**Dr. Madhuri B. Khambete**  
Principal  
MKSSS's Cummins College of Engineering for Women, Pune - 411052





01.08.2023

**TO WHOM IT MAY CONCERN**

Dear Sir/Madam

This is to certify that **Ms. Rucha Sudhir Bande**, student of **MKSSS Cummins College of Engineering for Women, Pune** has successfully completed her project titled **Internal Application for fetching the Dockerized Container Information** at **SAP Labs, Bangalore** under the guidance of **Mr. Senthilnathan K, Development Manager**.

Documentation of the application in the project report is not feasible due to its confidential nature. The interns are not allowed to share the application outside the workplace.

This project is in partial fulfillment of the requirements for the award of the degree **BTech in Computer Science** for the academic year **2022-2023**. The duration of the project was from **5<sup>th</sup> June 2023** to **4<sup>th</sup> August 2023**.

For **SAP Labs India Pvt. Ltd.**,

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Sabish', with a horizontal line underneath.

Sabish Kovath Bhaskar  
Manager, Local HR Services India

Confidential



Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwada  
Pune – 411 006

August 18, 2023

Tel +91 (20) 71296000

**SERVICE CERTIFICATE**

This is to certify that Ms. Tejasvi Zutshi was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the CIB Tech Grad Pune Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Tejasvi Zutshi all success in her future endeavors.

Yours faithfully,  
**Deutsche India Private Limited**

A handwritten signature in blue ink, appearing to read 'Alok', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, written over a horizontal line.

**Authorised Signatory  
Human Resources**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"HEALTHIFY – AN ANDROID APP"**

Submitted by

**ASHWINI BARASKAR**

CNUM : C22020221317

**AARTI JADHAV**

CNUM : C22020221355

**PRAJAKTA KHANDAIT**

CNUM : C22020881925

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Simantinee Kulkarni** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**(Prof. Simantinee Kulkarni)**

Guide,

Department of Computer Engineering

**(Dr. Sunita Jahirabdkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 4<sup>th</sup> January, 2024

November 30, 2023

To Whom It May Concern

This is to certify that Shraddha Basarikatti has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"PREDICTIVE AND PRESCRIPTIVE MAINTENANCE OF RENEWABLE  
ENERGY GENERATION SYSTEMS"**

Submitted by

STUDENT NAME: Nupur Bedmutha

CNUM : C22020221319

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Aparna Hajare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Aparna Hajare)  
Guide  
Department of Computer Engineering

(Dr. Sunita Jahirabdkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 09-02-2024



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

CCEW, Department of Computer Engineering 2023-24





## Internship Completion and Experience Letter

**Date:** January 5, 2023

To,

Hrucha Bhalerao

This is to certify that Hrucha Bhalerao has worked with Avalara Technologies Pvt. Ltd. as an Engineering Intern with below details.

**Workday ID:** 19319

**Local ID:** 1203

**Internship Start Date:** July 3, 2023

**Internship End Date:** December 29, 2023

We thank her for her contributions towards Avalara Technologies Pvt. Ltd.

**For Avalara Technologies Pvt. Ltd.**

A handwritten signature in black ink, appearing to read "N. Krishna Priya". The signature is written in a cursive style and is positioned above a horizontal line.

**Krishna Priya Nambudiri**  
**Senior Director - HR**

**Avalara Technologies Private Limited**

Registered office : 7th Floor, Amar Sadanand Tech Park, Plot No. 3, Survey No. 105, Baner, Pune - 411 045, Maharashtra, India.  
Phone No : 020 68177200 | [www.avalara.com](http://www.avalara.com) | CIN U72900PN2006PTC021886



## Certificate of Internship

To: Whomsoever It May Concern

This is to certify that **Ms.Sanskrutl Bidwai**, Student of **Gummins College of Engineering**, was pursuing the internship from **1<sup>st</sup> Aug 2023 to 22<sup>nd</sup> December 2023** in **Whirlpool Of India Ltd. GTEC, Pune** under the **GBS** department.

She has successfully completed the internship project under the guidance of "**Mr. Abhijit Chiplunkar**".

'We at Whirlpool wish you all the best in your future endeavors'.

Note: Data used for the project is confidential and cannot publish anywhere

For Whirlpool of India Ltd,

**Manish Gupta**

Senior Manager - Compensation & Benefits

## **WHIRLPOOL ASIA LLP**

(Formerly known as Whirlpool Asia Pvt. Ltd. CIN No. : U74999HR2010FTC041356)

LLP IN : AAG-0125

HEAD OFFICE: INTERNATIONAL TECH PARK PUNE KHARADI, 04TH FLOOR, WING 1, BLOCK 1, GRANT ROAD, KHARADI, TALUKA HAVELI, PUNE - 411014.

TEL (+91 20) 66056100

REGD OFFICE: 'WHIRLPOOL HOUSE' PLOT NO. 41, P SECTOR - 44, GURGAON - 122002 (HARYANA), INDIA TEL : (91) 124-6618000 FAX: (91) 124-6703615

WEBSITE: [www.whirlpoolindia.com](http://www.whirlpoolindia.com) | Email: [info\\_india@whirlpool.com](mailto:info_india@whirlpool.com)



Date – 20<sup>th</sup> Dec 2023

## Certificate of Completion

To Whomsoever It May Concern

This letter serves as confirmation that **Miss. Mrunal Borse** has undergone an internship program with Techdenovo. She has been working with us as a **Software Developer Intern** from the mentioned date (20<sup>th</sup> June 2023 to 20<sup>th</sup> December 2023).

She was involved in the project of **Building an Ott Platform for Presenting Cultural skill and talent around the country.**

Please don't hesitate to contact us should you have any questions or concerns on info@techdenovo.com or +919561774071

Thanks & Regards

Kalyan Mazumder



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Divya Ulhasrao Challawar**

**Unique ID: 002052651**

This is to certify that **Divya Ulhasrao Challawar D/o Ulhas Udhavrao Challawar** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"AI-BASED NAIL HEALTH ANALYSIS FOR IRON AND CALCIUM DEFICIENCIES"**

Submitted by


STUDENT NAME : **DIVYA ULHAS CHALLAWAR**  
**GAYATRI SHETKAR**  
**ANUSHKA ARVIND GHODEKAR**


CNUM : **C22020221323**


**C22020221343**

**C22020221346**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Mahendra Deore & Prof. Meenal Kamlakar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Mahendra Deore & Prof. Meenal Kamlakar)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadi)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal  
Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 04/01/2024





**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Esha Vivek Chandaliya**

**Unique ID: 002052625**

This is to certify that **Esha Vivek Chandaliya D/o Vivek Chandaliya** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**

30 August 2023

Private and Confidential

To whom it may concern

Our Ref: 00752359 G01484037

Dear Sir/Madam,

RE: Harshada Hanmant Chavan

Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	Graduate Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"DANTA VISHRAM"**

Submitted by

STUDENT NAME <b>ROHINI RAY</b>	Exam No: C22020221438
<b>RUJUTA JOSHI</b>	Exam No: C22020221361
<b>HARSHADA CHAVAN</b>	Exam No: C22020221325

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Madhuri Tasgaonkar** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(**Prof. Madhuri Tasgaonkar**)  
Guide  
Department of Computer Engineering

  
(**Dr. Sunita Jahirabadkar**)  
Head,  
Department of Computer Engineering

  
(**Dr. M. B. Khambete**)  
Principal,  
Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 3 January 2024

11 August 2023

Private and Confidential

To whom it may concern

Our Ref: 00734501 G01484390

Dear Sir/Madam,

RE: Chelekar, Samrudhi Devidas

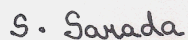
Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	Technology - Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com

This is an auto-generated letter hence does not require wet ink signature.

## CERTIFICATE

This is to certify that the project report entitled


**"CHATBOT FOR ACADEMIC AND CAREER GUIDANCE"**

Submitted by

**SAMRUDHI CHELEKAR**  
**DIKSHA BHISE**  
**TINA FIRAKE**

**CNUM :C22020221326**  
**CNUM :C22020221335**  
**CNUM :C22020221339**


is a bonafide student of this institute and the work has been carried out by her under the supervision of Dr. Shilpa Deshpande and Prof. Ashutosh Muchrikar and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Technology (Computer Engineering)

  
(Dr. Shilpa Deshpande &  
Prof. Ashutosh Muchrikar )  
Guide

  
(Dr. Sumita Jahirabadkar)  
Head

Department of Computer Engineering

Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal.

Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 04/03/24

JPMC Employee ID: E934760

4 August 2023

To Whom It May Concern

Dear Sir/Madam,

**Re: Ms Neha Chimote - Confirmation of Employment Details**

This letter is to certify the below details for Ms Neha Chimote, PAN CJBPC0235R

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Consumer & Community Banking

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact [referencing\\_team@jpmchase.com](mailto:referencing_team@jpmchase.com).

Yours faithfully,



Siddharth Taneja  
Vice President  
Human Resources



## CERTIFICATE

This is to certify that the project report entitled

**"DESIGN AND DEVELOPMENT OF MARKETING ANALYTICS WEB  
BASED PLATFORM"**

Submitted By

<b>STUDENT NAME:</b> SHRUTI ATKAR	<b>CNUM:</b> C22020221314
RUCHA BANDE	C22020221316
NEHA CHIMOTE	C22020221327
SAMIKSHA KONDAWAR	C22020221373

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Priya Deokar and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Priya Deokar)

Guide,

Department of Computer  
Engineering

  
(Dr. S.A. Jirabadkar)

Head,

Department of Computer  
Engineering

  
(Dr. M.B. Khambete)

Director,

Cummins College of Engineering for Women – 52

Place: Pune

Date : 05/01/2024

File No. Snigdha/PT/1810202302/USD

October 18, 2023

Snigdha Chitnis  
C-803, Anand Residency Near City Pride  
Kothrud, Pune - 411038

Dear Snigdha Chitnis,

With reference to your internship request, we are pleased to inform you that you are allowed to pursue your internship at Tech Mahindra Ltd. ("Company"). During the period of your internship, you will be governed by the following terms and conditions: -

1. You will be an Intern with the Company for a period of 9 weeks starting from November 01, 2023 to December 31, 2023.

2. As an Intern, you are expected to gain practical experience by doing one or more of the below in a timely manner as suggested by your reporting manager/mentor.

- self-upskilling as per the project skill/s
- completing project assignments/POCs
- attending project meetings
- doing project shadowing

3. This internship is not an "Offer of Employment" with the Company, and you will not be entitled for any payment or employee benefits during the internship period.

4. This internship does not give you any right for permanent absorption in the Company or any of its associated companies.

5. During this internship period, you will report directly to Ashutosh Dongare <dongare@TechMahindra.com>, Mentor who can be contacted for any assistance related to this internship.

6. The Company reserves the right to terminate your internship at any time at its sole discretion.

7. Your internship would be virtual until any further communication from the Company. On the day of joining as an intern, please report to Ashutosh Dongare latest by 9:00 am at the following address: Pune to complete the joining formalities and understand the further instructions.



8. You will be taking up this assignment/engagement on your own accord and at your own risk and responsibility and the organization will not be responsible for any untoward incident that might happen during your engagement as Trainee with us.

9. By agreeing to undertake internship at Tech Mahindra Ltd as an Intern, you tacitly agree to abide by Company's dress code and conduct yourself in a manner that does not damage the image and reputation of the Company.

Please return the acceptance copy (attached) to Pratik M. Wagh <Pratik.Wagh3@TechMahindra.com> duly affixing your full signature as a token of your acceptance.

Thanking you,

Yours faithfully,

For Tech Mahindra Limited

*R Krishna*

Krishna Ramaswamy

Head - Resource Management Group

Agreed and accepted.

Name: Snigdha Chitnis

Signature: *SN*

Date: 22/10/2023



## Appendix A

### Non-Disclosure Agreement

I, Snigdha Chitnis hereby certify that: -

I understand that it may be desirable and necessary for Tech Mahindra Limited or any of its suppliers, licensors, licensees or customers to disclose to me information which may include, by way of illustration and not by way of limitation, technical information, designs, drawings, processes, systems, procedures, formulae, test data, improvements, price lists, financial data, code books, invoices, financial statements and other financial information, computer programs, disks, printouts, sketches, customer and prospect contacts, customer and prospect lists, names, addresses or any other compilation of information written or unwritten (both individually and collectively referred to herein as "Confidential Information") during the course of my training.

Because, I will have access to and become familiar with such Confidential Information, I hereby agree to accept and retain such Confidential Information in confidence and agree, at all times during or after the completion of my internship, not to, directly or indirectly, disclose, reveal, use, copyright or patent such Confidential Information, without the prior written consent of an authorized officer Tech Mahindra Limited I also agree to keep the contractual relationships of Tech Mahindra Limited with its suppliers, licensors, licensees, customers, contractors, and subcontractors confidential, including the names, addresses, or special requirements of Tech Mahindra Limited's customers. This Section is intended to apply to all materials, which I may compile, as well as to all materials furnished to me by anyone else in connection with my internship.

a. Because it may not be clear to Intern which information is Confidential Information, in order to minimize the possibility of inadvertent disclosure, Intern agrees to consult with Tech Mahindra Limited before making any disclosure of information covered by this Agreement.

b. Intern may disclose information if such disclosure is directly pursuant to a valid and existing order of a court, or a governmental body or agency, within India; provided, however, that prior to such disclosure, an Intern (i) notifies Tech Mahindra Limited in writing of the prospective order, or proceeding giving rise to such order, and (ii) Tech Mahindra Limited has had the opportunity to prevent or limit such disclosure.

c. In the event of a breach or threatened breach of this Section by Intern, Tech Mahindra Limited shall be entitled, in addition to all other remedies otherwise available to Tech Mahindra Limited to and intern hereby consents to the issuance thereof forthwith in any court of competent jurisdiction without proof of specific damages. Intern waives any requirement for a bond in connection with any temporary or pendent lite injunctive relief.

d. In the event that Tech Mahindra Limited shall enforce any part of this Agreement through legal proceedings and obtains any judgment or order in such proceedings, Intern agrees to pay to Tech Mahindra Limited any costs and attorneys' fees reasonably incurred by Tech Mahindra Limited in connection with obtaining such judgment or order.

Name: Snigdha Chitnis

Signature: 

Date: 22/10/2023

## Appendix B

### Confidentiality Undertaking

I understand that during my Internship with Tech Mahindra Limited., I will have access to information for its customers, suppliers, vendors, and licensors, any or all of which are referred to in this agreement "Tech Mahindra Limited. I also understand that this information, whether technical or non-technical is commercially valuable. It is referred to in this agreement as "confidential information".

A few examples of confidential information are given below. However, these examples do not list all of the types of confidential information which I may develop or to which I may have access:

1) Information of a business nature such as marketing, underwriting, Trainee customer and claimant data, sales, and list of customers, including future developments and planning concerning them.

2) Computers /software programs and intern documentation and material which are propriety to Tech Mahindra Limited or which Tech Mahindra Limited. is under an obligation to prevent this disclosure.

3) Information from Tech Mahindra Limited's vendor and supplier which is confidential, propriety or copyrighted.

4) I hereby agree that:

- The confidential information shall remain the sole and exclusive propriety of Tech Mahindra Limited and I shall regard it as confidential and secret information.
- The confidential information is the property considered to be the trade secrets of Tech Mahindra Limited because it involves processes and compilation of information which are secret, confidential, and not generally known to the public and which are the products of expenditure of time, effort, money, and /or creative skills of Tech Mahindra Limited. The use of confidential information is furnished to me during my Internship on a confidential and secret basis for a sole and exclusive use and pursuing my Intern duties at Tech Mahindra Limited.
- I will not, during and after my Internship at Tech Mahindra Limited., publish, disclosed, or otherwise divulge the confidential information to any person not specifically authorized by Tech Mahindra Limited. to receive such information.
- I will not copy and confidential information for any purpose except with the express consent of the Tech Mahindra Limited. Officials or the expressed written authorization of the third-party owner.



- Upon completion of my Internship with Tech Mahindra Limited., or at any other time at Tech Mahindra Limited. request, I agree to return promptly to Tech Mahindra Limited., all confidential information, including but not limited to all manuals, letters, notes, notebooks, reports, formulae, computer programs and associated documentation and material, memoranda, customer list and all other materials and all copies of them relating in any way to Tech Mahindra Limited which in any way were obtained by me during my Internship at Tech Mahindra Limited. which are in my possession or under my control. I further agree that I will not make or retain any copies of the above-mentioned information and will so represent to Tech Mahindra Limited. upon completion of my Internship.
- This confidentiality agreement will continue to be in effect after the completion of my with Tech Mahindra Limited.
- IF any provision of this agreement is declared invalid or unenforceable with respect to a particular occurrence or circumstance or otherwise, that will not affect the validity, enforceability, or applicability of any other provision of this agreement.

Name: Snigdha Chitnis

Signature: 

Date: 22/10/2023

Microsoft India (R&D) Pvt. Ltd  
Prestige Ferns Galaxy  
Survey No, 7/1, 7/2 & 8/1A  
Ambalipura Village, Varthur Hobli  
Outer Ring Road, Bengaluru 560103



Tel + 91-80-61772000  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Fatma Dalvi** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Amit Gupta (Guptaami) and Adarsh Nandanwar (Anandanwar).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Fatma Dalvi".

**Signature of Candidate**

A handwritten signature in blue ink that reads "Ira Gupta".

**Microsoft India (R&D) Pvt. Ltd.**



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"LEGAL CONTRACT SUMMARIZATION USING RLHF"**

Submitted by

**POOJA GAJGHATE**

CNUM : C22020221341

**FATMA DALVI**

CNUM : C22020221329

**SHRUTI DAYAMA**

CNUM : C22020221332

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Supriya Kelkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**(Dr. Supriya Kelkar)**

Guide

Department of Computer Engineering

  
**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

  
**(Dr. M. B. Khambete)**

Principal

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04/01/24

CCEW, Department of Computer Engineering 2023-24

# INTERNSHIP COMPLETION CERTIFICATE



Presented to  
**Ms. Rujuta Damle**

---

student of **Cummins College** for successfully completing  
Internship with Fresh Gravity from **June 5, 2023**, to  
**September 29, 2023**.

Best wishes for all future endeavors.

October 12, 2023

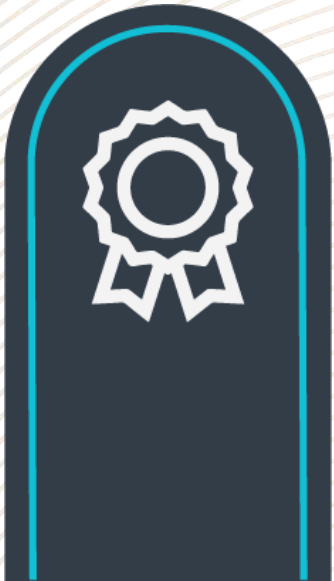
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DATE

A handwritten signature in blue ink that reads "Kulkarni".

---

**Sonali Kulkarni**  
HR Manager





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled  
**"GANDHAR EVENT MANAGEMENT SYSTEM"**

Submitted by

STUDENT NAME	CNUM
Aparna Pandita	C22020221302
Rujuta Damle	C22020221330
Purva Thite	C22021882901
Shraddha Paymode	C22020221428

is a Bonafide student at this institute and the work has been carried out by her under the supervision of **Mrs. Sunita Jahirabdkar** and **Mrs. Simantinee Kulkarni**. It is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**(Prof. Simantinee Kulkarni)**

Guide,

Department of Computer Engineering

**(Dr. Sunita Jahirabdkar)**

HOD,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 04-01-2024



Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 1-Sep-2023, Saniya Mandar Damle successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Saniya Mandar Damle best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*







## CERTIFICATE

This is to certify that the 4 months project report entitled

### **“PREDICTION OF FALSE POSITIVE ALERTS IN INTRUSION DETECTION SYSTEM DATASET”**

Submitted by

SANIYA DAMLE	C22020221331	4331
DISHA NIKTE	C22020221336	4336
ANUSHKA ERANDE	C22020221338	4338
OJASI GOKHALE	C22020221347	4347

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Saurabh Mengale** and **Dr Madhuri Tasgaonkar** and it is approved for the partial fulfilment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Saurabh Mengale)

Guide,

Department of Computer Engineering

(Dr. S.A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M.B. Khambete)

Director,

Cummins College of Engineering for Women

Place : Pune

Date : 5/1/24



Oracle India Pvt. Ltd.  
India Development Center

Oracle Technology Park  
3, Bannerghatta Park  
Bangaluru - 560 029

CIN: U74899DL1993PTC051764  
Phone +91 80 4107 0000  
Fax +91 80 2552 6124

***Private & Confidential***

Ref: Oracle-Interns- 1794434

10<sup>th</sup> Oct 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. SHRUTI DAYAMA, student of Cummins College of Engineering for Women's, Pune (Pursuing BE/B.Tech) has completed her project with Oracle India Private Limited.

The project was undertaken from 14-Jun-2023 to 08-Aug-2023. She worked on "New Hire Checklist Portal"

We wish her all the best in her future endeavours.

Yours sincerely  
For Oracle India Private Limited.

**Rambabu Jagatha**  
**Director – HR Operations**



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"LEGAL CONTRACT SUMMARIZATION USING RLHF"**

Submitted by

**POOJA GAJGHATE**

CNUM : C22020221341

**FATMA DALVI**

CNUM : C22020221329

**SHRUTI DAYAMA**

CNUM : C22020221332

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Supriya Kelkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**(Dr. Supriya Kelkar)**

Guide

Department of Computer Engineering

  
**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

  
**(Dr. M. B. Khambete)**

Principal

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04/01/24

CCEW, Department of Computer Engineering 2023-24



**To whomsoever it may concern**

This is to certify that **Deole, Radha** from, MKSSS Cummins College of Engineering for Women was working with Dell Technologies for Internship Project.

Project Details	
Project Name	PE Landing Page & OTM Adoption Report
Duration	05-Jun-2023 to 04-Dec-2023
Location	Bangalore
Reporting Manager Name	KV, Manjunath

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003

# INTERNSHIP COMPLETION CERTIFICATE

Presented to

**Ms. Richa Deshpande**

---

student of **Cummins College** for successfully completing  
Internship with Fresh Gravity from **June 5, 2023**, to  
**September 29, 2023**.

Best wishes for all future endeavors.

October 12, 2023

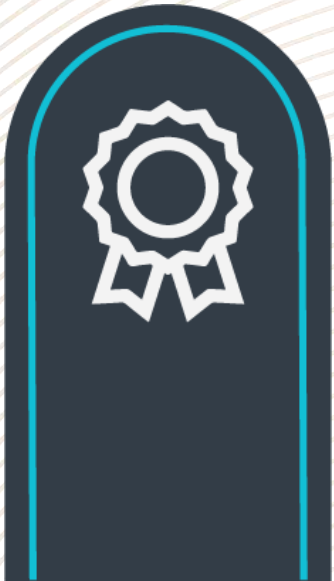
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DATE



---

**Sonali Kulkarni**  
HR Manager





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"DANCE ACADEMY WEBSITE"**

Submitted by

STUDENT NAME	C.NO.
SHREYA GOJA	C22020221301
RICHA DESHPANDE	C22020221334
MAHIMA SAWANT	C22020221444

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Priya Deokar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Priya Deokar)  
Guide  
Department of Computer Engineering

(Dr. Sunita Jahirabdkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04-01-2024

CCEW, Department of Computer Engineering 2023-24





July 28, 2023

Internship Completion Letter

This is to confirm that **Diksha Sachin Bhise**, who is currently pursuing Bachelor of Technology – Computer Engineering from **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Providence India from May 29, 2023, to July 28, 2023.

I wish **Diksha Sachin Bhise** every success for the future.

Best wishes,

A handwritten signature in black ink that reads "Nagraj Shriyan".

Nagraj Shriyan

Executive Director – Talent Acquisition

### CERTIFICATE

This is to certify that the project report entitled


**"CHATBOT FOR ACADEMIC AND CAREER GUIDANCE"**

Submitted by

**SAMRUDHI CHELEKAR**  
**DIKSHA BHISE**  
**TINA FIRAKE**

CNUM :C22020221326  
CNUM :C22020221335  
CNUM :C22020221339

is a bonafide student of this institute and the work has been carried out by her under the supervision of Dr. Shilpa Deshpande and Prof. Ashutosh Muchrikar and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Technology (Computer Engineering)

  
(Dr. Shilpa Deshpande &  
Prof. Ashutosh Muchrikar )  
Guide

  
(Dr. Sumita Jahirabadkar)  
Head

Department of Computer Engineering Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal.

Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 04/03/24

**To whomsoever it may concern**

This is to certify that **Nikte, Disha** from MKSSS's Cummins College of Engineering for Women, was working with Dell Technologies for Internship Project.

<b>Project Details</b>	
Project Name	Treasury Service - GOAL
Duration	03-Jul-2023 to 01-Sep-2023
Location	Bangalore
Reporting Manager Name	Dutta, Saikat

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,



Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003



## CERTIFICATE

This is to certify that the 4 months project report entitled

### **“PREDICTION OF FALSE POSITIVE ALERTS IN INTRUSION DETECTION SYSTEM DATASET”**

Submitted by

SANIYA DAMLE	C22020221331	4331
DISHA NIKTE	C22020221336	4336
ANUSHKA ERANDE	C22020221338	4338
OJASI GOKHALE	C22020221347	4347

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Saurabh Mengale** and **Dr Madhuri Tasgaonkar** and it is approved for the partial fulfilment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Saurabh Mengale)

Guide,

Department of Computer Engineering

(Dr. S.A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M.B. Khambete)

Director,

Cummins College of Engineering for Women

Place : Pune

Date : 5/1/24



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

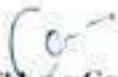
This is to certify that the project report entitled

### VISUALIZATION OF CONTEXT SENSITIVE DEF-USE EDGES

Submitted by

SONAKSHI GOYAL CNUM: C22020221454 ROLL NO: 4453  
SPOORTI APARANJI CNUM: C22020881904 ROLL NO: 4904  
DIVYA GANESHI CNUM: C22020221337 ROLL NO: 4337  
SIDDHI KOTTAWAR CNUM: C22020881927 ROLL NO: 4926

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Chhaya Gosavi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**Dr. Chhaya Gosavi**  
Internal Guide,  
Department of Computer  
Engineering

  
**Dr. Sunita Jahirabadkar**  
Head,  
Department of Computer  
Engineering

  
**(Dr. M. B. Khambete)**  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune  
Date : 11/11/23

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Anushka Nitin Erande** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Security, Compliance, Identity, Mgt"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Prafulla Sharma (Psharma) and Bharat Singh (Bhasin).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Anushka Nitin Erande".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.  
CIN: U72200DL1998PTC093824





## CERTIFICATE

This is to certify that the 4 months project report entitled

### **“PREDICTION OF FALSE POSITIVE ALERTS IN INTRUSION DETECTION SYSTEM DATASET”**

Submitted by

SANIYA DAMLE	C22020221331	4331
DISHA NIKTE	C22020221336	4336
ANUSHKA ERANDE	C22020221338	4338
OJASI GOKHALE	C22020221347	4347

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Saurabh Mengale** and **Dr Madhuri Tasgaonkar** and it is approved for the partial fulfilment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Saurabh Mengale)

Guide,

Department of Computer Engineering

(Dr. S.A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M.B. Khambete)

Director,

Cummins College of Engineering for Women

Place : Pune

Date : 5/1/24





# Internship Completion Certificate

1 message

**Bhargwi Bahri** <bhargwi.bahri@salesforce.com>  
To: anjali.naik@cumminscollege.in  
Cc: C1339\_TINA FIRAKE <tina.firake@cumminscollege.in>

Mon, 7 Aug, 2023 at 9:56 am

Hello

Trust you are keeping well.

This is to certify that Tina Lomesh Firake, BTech student in the Department of Computer Engineering of MKSSS's Cummins College of Engineering for Women, Pune has successfully completed Summer Internship Program from 29 May 2023 to 21 July 2023 on "Load Generation tool integrated in Slack", under the guidance of Abhay Ramdasji Khobragade in the SRE Team.

Regards  
Bhargwi Bahri  
Emerging Employee Success Graduate  
FutureForce Team  
Mobile: +91 8121015328

[Ranked #1 among 100 Best Places to Work](#)

Follow us on :

[Twitter](#) | [Facebook](#) | [Linkedin](#) | [Youtube](#)

For information on Salesforce's commitment regarding your privacy, please see our [Candidate Privacy Statement](#).



### CERTIFICATE

This is to certify that the project report entitled


**"CHATBOT FOR ACADEMIC AND CAREER GUIDANCE"**

Submitted by

**SAMRUDHI CHELEKAR**  
**DIKSHA BHISE**  
**TINA FIRAKE**


**CNUM :C22020221326**  
**CNUM :C22020221335**  
**CNUM :C22020221339**

is a bonafide student of this institute and the work has been carried out by her under the supervision of Dr. Shilpa Deshpande and Prof. Ashutosh Muchrikar and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Technology (Computer Engineering)

  
(Dr. Shilpa Deshpande &  
Prof. Ashutosh Muchrikar )  
Guide

  
(Dr. Sumita Jahirabadkar)  
Head

Department of Computer Engineering Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal.

Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 04/03/24

**Nomura Services India Private Limited**

Winchester – 10<sup>th</sup> Floor, Powai Business District, Powai,  
Mumbai - 400 076, India

**Telephone** +91 22 3053 4626

**Facsimile** +91 22 3053 2111

**Website** [www.nomura.com](http://www.nomura.com)

03 January 2024

**Internship Completion Letter**

This is to certify that Roza Ravi Gaikwad, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Risk & Capital IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Reshma Khanna  
Executive Director - Human Resources



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Pooja Gajghate**

**Unique ID: 002052632**

This is to certify that **Pooja Gajghate D/o Rajaram Gajghate** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"LEGAL CONTRACT SUMMARIZATION USING RLHF"**

Submitted by

**POOJA GAJGHATE**

CNUM : C22020221341

**FATMA DALVI**

CNUM : C22020221329

**SHRUTI DAYAMA**

CNUM : C22020221332

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Supriya Kelkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**(Dr. Supriya Kelkar)**

Guide

Department of Computer Engineering

  
**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

  
**(Dr. M. B. Khambete)**

Principal

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04/01/24

CCEW, Department of Computer Engineering 2023-24

To  
Whom it may concern,

4<sup>th</sup> Jan 2024

Experience letter

This is to certify that Gargi Kale performed an internship at Oneirix Labs Pvt. Ltd. from 16<sup>h</sup> of August 2023 to 26<sup>th</sup> of December 2023. Her performance in the internship was satisfactory.

Yours Sincerely,



Udayan Kanade  
(CEO, Oneirix Labs)





Oracle India Pvt. Ltd.  
India Development Center

Oracle Technology Park  
3, Bannerghatta Park  
Bangaluru - 560 029

CIN: U74899DL1993PTC051764  
Phone +91 80 4107 0000  
Fax +91 80 2552 6124

***Private & Confidential***

Ref: Oracle-Interns- 1796128

10<sup>th</sup> Oct 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Gayatri Shetkar, student of Cummins College of Engineering for Women's, Pune (Pursuing BE/B.Tech) has completed her project with Oracle India Private Limited.

The project was undertaken from 14-Jun-2023 to 08-Aug-2023. She worked on "Event-based setup page UX improvements and coverage improvements"

We wish her all the best in her future endeavours.

Yours sincerely  
For Oracle India Private Limited.

**Rambabu Jagatha**  
**Director – HR Operations**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled


**"AI-BASED NAIL HEALTH ANALYSIS FOR IRON AND CALCIUM DEFICIENCIES"**


Submitted by


STUDENT NAME : **DIVYA ULHAS CHALLAWAR**  
**GAYATRI SHETKAR**  
**ANUSHKA ARVIND GHODEKAR**

CNUM : **C22020221323**  
**C22020221343**  
**C22020221346**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Mahendra Deore & Prof. Meenal Kamlakar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Mahendra Deore & Prof. Meenal Kamlakar)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadi)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal  
Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 04/01/2024



August 7, 2023

**EXPERIENCE CERTIFICATE**

**To Whom It May Concern**

This is to certify that **Ms. Shravani Ghaste** (Employee Code: 150792) was working in our organization from **May 22, 2023 to July 21, 2023**. She was working as “**Summer Intern**” and drawing an annual salary of **Rs. 480,000.00 /-** at the time of relieving.

**Shravani** has been relieved from the services of **Mastercard Technology Private Limited**, with the closing hours of business on **July 21, 2023**.

We wish her all the best in her future endeavors.

Yours faithfully,



For: Mastercard Technology Private Limited

[People\\_services@mastercard.com](mailto:People_services@mastercard.com)

Global Business Services Centre - HR Services

Entitles

## ENTERPRISE ACCOUNT AUTOMATION

SUBMITTED BY

ANUSHKA DIVEKAR C22020331510

MRUNMAYEE TUPE C22020221408

NAMRATA KEMBLE C22020221369

SHRAVANI GHASTE C22020221344

is a bonafide student at this institute and the work has been carried out by her under the supervision of Prof. Ashutosh Muchrikar and it is approved for the partial fulfilment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to savitribai phule pune university.), for the award of the degree of Bachelor of Technology (Computer Engineering).



Prof. Dr. S.A. Jadhav, Guide Head,

Department of Computer Engineering Department of Computer Engineering

(Dr. M.B. Khambete)

Director,

cummins college of engineering for women.

Place: Pune

Date: 04/1/24



**Danfoss Technologies Pvt Ltd**  
Prince Infocity II, Unit No 1, 1st Floor,  
283/3 & 283/4, Rajiv Gandhi Salai  
(OMR), Kandanchavady, Perungudi,  
Chennai 600 096, India

Toll Free : +91 8001009289  
Fax : +91 44 6715 1000  
Email : danfoss.india@danfoss.com  
CIN : U74999TN2020PTC136283  
PAN : AAHCD8246K  
GST : 33AAHCD8246K1ZE

Date: 10/01/2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that: **Ms. Anushka Ghatpande**, Studying B.Tech, Computer Science, MKSSS's Cummins College of Engineering for Women, Pune (Maharashtra). She completed Internship with Danfoss Technologies Pvt Ltd for a period from **10-Jul-2023** to **10-Jan-2024** under the mentorship of **Mr. Vishal Bhatt**.

She has successfully completed the Internship and her Mentor was very impressed by her performance.

**For Danfoss Technologies Private Limited**

**Laisa Jinan**  
Regional Head of HR, India.

**CORRESPONDENCE OFFICE:**

Plot A-19/2, SIPCOT Industrial Growth Center, Oragadam Village, Sriperumbudur Taluk, Kancheepuram District – 602105, Tamil Nadu, INDIA.  
Tel : +91 44 67151000

**SAP Labs India Pvt. Ltd.**  
138, Export Promotion  
Industrial Park, WhiteField,  
Bangalore 560066  
Tel: +91-80-4329 4329  
Fax: +91-80-4329 6969  
<http://www.sap.com>



**04-08-2023**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Anushka Arvind Ghodekar, student at MKSSS's Cummins college of engineering for women, has successfully completed her project titled CodeWiser Energy Dashboard at SAP Labs Bangalore, India under the guidance of Mr. Prakash Kumar, Chief Development Expert.

Anushka worked with technologies like React, Spring Boot, Git and Maven. She learnt more about Web sockets, REST APIs and JSON files as approaches to transfer dynamic data. Overall, Anushka has made significant contributions to ongoing research endeavours that focuses on energy-efficient programming.

This project is in partial fulfillment of the requirements for the award of the degree BTech Computer Science for the academic year 2022-2023. The duration of the project was from 05 June 2023 to 4 August 2023.

for **SAP Labs India Pvt. Ltd.,**

A handwritten signature in blue ink, appearing to read 'Sabish', with a horizontal line underneath it.

**Sabish Kovath Bhaskar**  
**Senior Consultant- HR**





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"AI-BASED NAIL HEALTH ANALYSIS FOR IRON AND CALCIUM DEFICIENCIES"**

Submitted by

STUDENT NAME : **DIVYA ULHAS CHALLAWAR**  
**GAYATRI SHETKAR**  
**ANUSHKA ARVIND GHODEKAR**

CNUM : **C22020221323**  
**C22020221343**  
**C22020221346**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Mahendra Deore & Prof. Meenal Kamlakar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(**Prof. Mahendra Deore & Prof. Meenal Kamlakar**)  
Guide  
Department of Computer Engineering

(**Dr. Sunita Jahirabdkar**)  
Head,  
Department of Computer Engineering

  
(**Dr. M. B. Khambete**)  
Principal

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 04/01/2024



Oracle India Pvt. Ltd.  
India Development Center

Oracle Technology Park  
3, Bannerghatta Park  
Bangaluru - 560 029

CIN: U74899DL1993PTC051764  
Phone +91 80 4107 0000  
Fax +91 80 2552 6124

***Private & Confidential***

Ref: Oracle-Interns- 1795682

10<sup>th</sup> Oct 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Ojasi Gokhale, student of Cummins College of Engineering for Women's, Pune (Pursuing BE/B.Tech) has completed her project with Oracle India Private Limited.

The project was undertaken from 14-Jun-2023 to 08-Aug-2023. She worked on "Fraud Detection using Machine Learning"

We wish her all the best in her future endeavours.

Yours sincerely  
For Oracle India Private Limited.

**Rambabu Jagatha**  
**Director – HR Operations**



## CERTIFICATE

This is to certify that the 4 months project report entitled

### **“PREDICTION OF FALSE POSITIVE ALERTS IN INTRUSION DETECTION SYSTEM DATASET”**

Submitted by

SANIYA DAMLE	C22020221331	4331
DISHA NIKTE	C22020221336	4336
ANUSHKA ERANDE	C22020221338	4338
OJASI GOKHALE	C22020221347	4347

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Saurabh Mengale** and **Dr Madhuri Tasgaonkar** and it is approved for the partial fulfilment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Saurabh Mengale)

Guide,

Department of Computer Engineering

(Dr. S.A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M.B. Khambete)

Director,

Cummins College of Engineering for Women

Place : Pune

Date : 5/1/24

6<sup>th</sup> February 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. Khushi Gosavi was working with us as an Intern from 3<sup>rd</sup> July '2023 to 2<sup>nd</sup> January '2024.

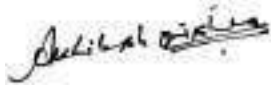
During this period, She was involved in below project :

➤ **Technician App Flutter Migration.**

During her training period in our Organization, She was very dedicated, sincere and efficient and completed her projects within a given time frame.

We wish her all the best in her future endeavors.

Yours sincerely,  
For nurture.farm



**Akhilesh Mishra**  
**Head of Human Resources**



**Nurture Agtech Limited**  
**(Formerly known as AFS Agtech Limited)**  
8th Floor, Sakti Statesman, Green Glen Layout,  
Bellandur, Bengaluru, Karnataka 560 103, India.

**Registered address:**  
Uniphos House, C.D. Marg, 11th Road, Khar  
West MUMBAI, Maharashtra 400052, India.  
CIN: U01100MH2019PTC335151



080 35000766



info@nurture.farm



www.nurture.farm



## CERTIFICATE

This is to certify that the project report entitled  
"TOUR WORLD - WEB DEVELOPMENT PROJECT"

Submitted by  
**SEJAL GAVHANE**  
**SAUMYA SINGH**  
**TEJASHREE GAVHANE**  
**SHRADHA GOSWAMI**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Jyoti Bangare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Jyoti Bangare)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune -52

Place : Pune  
Date : 08-07-23

2020

Twenty Interior Design Software (India) Pvt Ltd  
*A Cyncly company*

16/1/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Vaishnavi Gudulkar, has done her internship as Software Engineer Intern at Twenty Twenty Interior Design Software (I) Pvt Ltd., Pune from 1st July 2023 to 31st December 2023.

During her internship, Vaishnavi completed various training on Manual Testing, Azure DevOps Fundamentals, GIT, Javascript, Selenium and Automation Testing using Webdriver IO. Study of these areas allowed her to successfully complete multiple tasks, particularly focusing on UI Test Automation assignments. The assignment included creation of variety of automated test scripts, using page object design pattern.

What truly stood out during Vaishnavi's internship was her self-motivation, eagerness to learn and ability to explore the solutions independently. She took the initiative to acquire new skills and applied them effectively to the project. She demonstrated an ability to deliver results satisfactorily. Vaishnavi's contributions have been very valuable to the project's progress.

We are confident that Vaishnavi has a bright future ahead and will continue to excel in her professional journey.

Best wishes from us for Vaishnavi's upcoming career.

Sincerely,



Madhura Kulkarni

Manager – HR



**Nomura Services India Private Limited**

Winchester – 10<sup>th</sup> Floor, Powai Business District, Powai,  
Mumbai - 400 076, India

**Telephone** +91 22 3053 4626

**Facsimile** +91 22 3053 2111

**Website** [www.nomura.com](http://www.nomura.com)

03 January 2024

**Internship Completion Letter**

This is to certify that Esha Vikrant Haldavnekar, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Client Service Technology division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Reshma Khanna  
Executive Director - Human Resources

भारत सरकार  
अंतरिक्ष विभाग  
अंतरिक्ष उपयोग केन्द्र  
आंबावादी विस्तार हाक घर,  
अहमदाबाद-380 015 (भारत)  
दूरभाष : +91-79-26913050, 26913060  
वेबसाइट : www.sac.isro.gov.in/www.sac.gov.in



Government of India  
Department of Space  
**SPACE APPLICATIONS CENTRE**  
Ambawadi Vistar P.O.  
Ahmedabad - 380 015 (INDIA)  
Telephone : +91-79-26913050, 26913060  
website : www.sac.isro.gov.in/www.sac.gov.in

वैज्ञानिक अनुसंधान एवं प्रशिक्षण प्रभाग (एसआरटीडी)

Scientific Research and Training Division (SRTD)

आरटीएमजी/मीसा/सैक RTMG/MISA/SAC

## CERTIFICATE

This is to certify that **Ms. Disha Vinod Ingole**, a student of B. Tech (Computer Engineering) of MKSSS's Cummins College of Engineering For Women, Pune, Maharashtra has completed a 16 weeks (14 August-2023 to 01 December-2023) project on "**Semantically Enriched Geospatial Web Services**" under the supervision of Sri. Rajendra Gaikwad, Sci/Engr-SE, VRG/EPSSA, Space Applications Centre (ISRO), Ahmedabad. The research work was carried out through Scientific Research and Training Division (SRTD) of Space Applications Centre, Ahmedabad.

डॉ. सर्वेधर व्यास / Dr. S P Vyas  
प्रधान, वैज्ञानिक अनुसंधान एवं प्रशिक्षण प्रभाग  
Head, Scientific Research and Training Division  
एसआरटीडी-अंतरिक्ष सेवा/ SRTD-RTCG-MISA  
अंतरिक्ष उपयोग केन्द्र (इसरो)  
Space Applications Centre (ISRO)  
अंतरिक्ष विभाग / Department of Space  
भारत सरकार / Government of India  
अहमदाबाद / Ahmedabad - 380015

09 August 2023

Private and Confidential  
To whom it may concern

Our Ref: 00731337 G01485410

Dear Sir / Madam,

RE:Disha Vinod Ingole


Regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Job Title	Intern - Data & Software Engineer
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

For the avoidance of doubt, we do not include details on whether an employee is under notice of termination of employment (given or received) or whether an employee is on or is about to undertake a period of unpaid leave.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com





**Defence R & D Organisation**  
**Dighi, Pune 411 015**

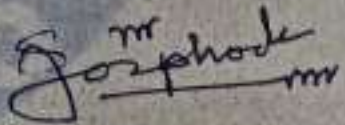


## STUDENT INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Ms. Isha Anil Suryawanshi**, a student of **MKSSS's Cummins College of Engg. for Women, Pune** has undergone Internship as a part of B.Tech (Computer Engineering), under the guidance of **Mr. Sunil Doiphode, Scientist 'F'** at **Research & Development Establishment (Engineers), Dighi, Pune - 411015** from **1<sup>st</sup> Aug 2023 to 30<sup>th</sup> Nov 2023** during the academic year **2023-2024**.

She has successfully contributed in Internship assignment titled **"Software Development to guide a robot for following the soldier who is using AR Device by sending required data/information to the robot"** within stipulated time and submitted the report towards fulfillment of the requirements for the Internship.

Date: **14/12/2023**  
Place: **Pune-411015**

  
**Mr. Sunil Doiphode, Sc 'F'**  
**Project Guide**

COUNTER SIGNED

**(Jagat Prakash Singh, Sc 'F')**  
**Group Head IMSG**  
**R&DE(ENGRS), DIGHI, PUNE-15**





# Defence R & D Organisation Dighi, Pune 411 015

## STUDENT INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Ms. Ishita Nandi**, a student of **MKSSS's Cummins College of Engg. for Women, Pune** has undergone Internship as a part of B.Tech (Computer Engineering), under the guidance of Mr. Sunil Doiphode, Scientist 'F' at **Research & Development Establishment (Engineers), Dighi, Pune - 411015** from 14<sup>th</sup> Aug 2023 to 14<sup>th</sup> Dec 2023 during the academic year 2023-2024.

She has successfully contributed in Internship assignment titled **"Software Development to guide a robot for following the soldier who is using AR Device by sending required data/information to the robot"** within stipulated time and submitted the report towards fulfillment of the requirements for the Internship.

Date: 14/12/2023  
Place: Pune-411015

Mr. Sunil Doiphode, Sc 'F'  
Project Guide

COUNTER SIGNED

(Jagat Prakash Singh, Sc 'F')

Group Head IMSG

R&DE(ENGRS), DIGHI, PUNE-15

**November 28, 2023**

## **CERTIFICATE**

This to certify that **Aarti Ramesh Jadhav** has successfully completed her tenure as an **Intern in SC Data Analytics** from **July 03, 2023 to October 31, 2023**.

Her project was '**Global Supply Chain Data Analytics Business Insights, Digitization & Automation**'.

During this tenure, she has shown keen interest to learn, and we are happy to share that she has done a commendable job in her project.

We wish her a very bright and rewarding career.

**Yours Sincerely,**



**Sherry Thomas Mathew**

**Director Human Resources**





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"HEALTHIFY – AN ANDROID APP"**

Submitted by

**ASHWINI BARASKAR**

CNUM : C22020221317

**AARTI JADHAV**

CNUM : C22020221355

**PRAJAKTA KHANDAIT**

CNUM : C22020881925

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Simantinee Kulkarni** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**(Prof. Simantinee Kulkarni)**

Guide,

Department of Computer Engineering

**(Dr. Sunita Jahirabdkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 4<sup>th</sup> January, 2024

December 07th, 2023.

## INTERNSHIP COMPLETION

TO WHOMSOEVER IT MAY CONCERN

This certificate acknowledges that **Asmita Jadhav** has satisfactorily concluded her internship as an **AI Intern** at **Chat360**, spanning from **7th August** to **7th December**, under the mentorship of Mr. Shivam Verma.

Throughout her tenure, she demonstrated diligence, curiosity, hard work, and a keen inquisitiveness while being exposed to diverse tools and techniques. Her contribution proved beneficial to our team, and we extend our best wishes for her continued success in both her personal and professional pursuits.

May she achieve excellence in all her future endeavors.

Mr. Shivam Verma  
Co-founder and CTO  
Chat360

**SUMANEL TECHNOLOGY VENTURES PVT LTD (Chat360)**  
4TH FLOOR, S NO:134 UNIT NO.3, KONARK ICON, NR MAGARPATTA  
BRIDGE, Pune,Maharashtra, 411028.

Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 01-Sep-2023, Khushi Govind Jagetia successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Khushi Govind Jagetia best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*



## CERTIFICATE


This is to certify that the project report entitled


**"HANDWRITTEN MODI LIPI CHARACTER RECOGNITION USING ML"**

Submitted by

RUTUJA ATUL KESKAR	C22020221370
ADITI AMAR NAIK	C22020881932
AKANKSHA KASREWAR	C22020881924
KHUSHI JAGETIA	C22020221357

Is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Sakshi Mandke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Sakshi Mandke)  
Guide  
Department of Computer Engineering

  
(Dr. S.A Jahirabadkar)  
Head  
Department of Computer Engineering

(Dr. M.B. Khambete)  
Principal,  
Cummins College of Engineering Women Pune-52

Place: Pune  
Date: 03-01-2024



**वैज्ञानिक अनुसंधान एवं प्रशिक्षण प्रभाग (एसआरटीडी)**  
**Scientific Research and Training Division (SRTD)**  
**आरटीएमजी/मीसा/सैक RTMG/MISA/SAC**

**CERTIFICATE**

This is to certify that **Ms. Triveni Anand Jagtap**, a student of B. Tech (Computer Engineering) of MKSSS's Cummins College of Engineering For Women, Pune, Maharashtra has completed a 16 weeks (14 August-2023 to 01 December- 2023) project on "**Semantically Enriched Geospatial Web Services**" under the supervision of Sri. Rajendra Gaikwad, Sci/Engr-SE, VRG/EPSSA, Space Applications Centre (ISRO), Ahmedabad. The research work was carried out through Scientific Research and Training Division (SRTD) of Space Applications Centre, Ahmedabad.

डॉ. एस.पी. व्यास / Dr. S. P. Vyas  
प्रमुख, वैज्ञानिक अनुसंधान एवं प्रशिक्षण प्रभाग  
Head, Scientific Research and Training Division  
एम्बावाडी-अहमदाबाद-380015 / SRTD-RICG-MISA  
अंतरिक्ष उपयोग केन्द्र (इसरो)  
Space Applications Centre (ISRO)  
अंतरिक्ष विभाग / Department of Space  
भारत सरकार / Government of India  
अहमदाबाद / Ahmedabad - 380015



22 August 2023

Private and Confidential  
To whom it may concern

Our Ref: 00743739 G01483550

Dear Sir/Madam,

Re: Jagtap , Triveni Anand

Regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving Date	04 August 2023
Job Title	Technology - Intern
Corporate grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,

S. Savada

HR Operations  
globalreferences@barclays.com



**Human Resources**

**Registered Office**  
85, 7th Floor, Nirion Knowledge Park,  
Goregaon (East), Mumbai - 400063  
CIN No: U72900MH2009FTC192938

T +91 22 6175 7999  
F +91 22 2653 2215  
Email: csil@citi.com

**Citicorp Services India Private Limited**



01 September 2023

Mrunal Shivraj Jambenal  
MKSSS Cummins College of Engg for Women

Dear Mrunal,

This is to certify that you were engaged in an internship program with Citicorp Services India Private Limited, from 29/05/2023 to 21/07/2023.

During the internship, you have successfully completed the following projects:

Project Title: Budget and Capacity Planning Tool

Project Guide: Amit Tipnis  
Designation: Intern, ICG Tech  
Location: Pune

We wish you all the best for your future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bilal".

Bilal Ahmed Shaikh  
Senior Vice President  
Human Resources

JPMC Employee ID: I800033

2 August 2023

To Whom It May Concern

Dear Sir/Madam,

**Re: Ms Mukta Joshi - Confirmation of Employment Details**

This letter is to certify the below details for Ms Mukta Joshi, AADHAR 575432004956

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Corporate Sector

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact [referencing\\_team@jpmchase.com](mailto:referencing_team@jpmchase.com).

Yours faithfully,



Siddharth Taneja  
Vice President  
Human Resources



Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwada  
Pune – 411 006

August 18, 2023

Tel +91 (20) 71296000

### **SERVICE CERTIFICATE**

This is to certify that Ms. Rujuta Joshi was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the CB Tech Mgmt & Architecture Pune Grad Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Rujuta Joshi all success in her future endeavors.

Yours faithfully,  
**Deutsche India Private Limited**

A handwritten signature in blue ink, appearing to be 'R. Joshi', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, appearing to be 'R. Joshi', written over a horizontal line.

**Authorised Signatory  
Human Resources**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"DANTA VISHRAM"**

Submitted by

STUDENT NAME <b>ROHINI RAY</b>	Exam No: C22020221438
<b>RUJUTA JOSHI</b>	Exam No: C22020221361
<b>HARSHADA CHAVAN</b>	Exam No: C22020221325

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Madhuri Tasgaonkar** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(**Prof. Madhuri Tasgaonkar**)  
Guide  
Department of Computer Engineering

  
(**Dr. Sunita Jahirabadkar**)  
Head,  
Department of Computer Engineering

  
(**Dr. M. B. Khambete**)  
Principal,  
Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 3 January 2024



### CERTIFICATE

This is to certify that the report entitled  
**PLANT DISEASE DETECTION**

submitted by

**Rutuja Dasharath Karwande : C22020221363**

**Sonali Balaji Katale : C22020221366**

**Samiksha Rajendra Kubade : C22020221374**

**Dnyaneshwari Mohan Gawali : C22021222302**

is a bonafide record of the student of this institute and the work has been carried out by her under the supervision of Prof. Sharayu Mirazdar. It is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune.

(an autonomous institute affiliated to savitribai phule pune university.)

for the award of the degree of Bachelor of Technology (Computer Engineering).

**Dr. Sunita Jahirabdkar**  
(Head of Department)  
Computer Engineering

**Prof. Sharayu Mirazdar**  
(Assistant Professor)  
Computer Engineering

**Dr. M.B. Khambete**  
Director,  
CCOE-W, PUNE



14 August 2023

Private and Confidential

To whom it may concern

Our Ref: 00734501 G01484831

Dear Sir/Madam,

RE: Katepallewar, Ayusha Vinit

Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	Technology - Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,

HR Operations

Globalreferences@barclays.com



Date: 03-Jan-24

## To Whomsoever It May Concern

This is to certify that Ms. Pranjal Katre student at Cummins College of Engineering, Pune undertaken an internship at Rockwell Automation India Pvt Ltd. from 03-Jul-23 to 29-Dec-23.

Ms. Pranjal has successfully completed the project under the guidance of Mr. Nandkishor Phalke, Team Lead. She is a sincere and hard-working student with desire to learn new things. Her performance and conduct during the tenure were found satisfactory.

We wish her success in all future endeavors.

For **Rockwell Automation India Private Limited.**



Pallav Purkayastha  
(Manager- Talent Acquisition India)

August 18, 2023

To Whom It May Concern

This is to certify that Namrata Kemble has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30,2023 to August 07,2023. During the period of internship program, she completed 10 weeks of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)

Entitles

## ENTERPRISE ACCOUNT AUTOMATION

SUBMITTED BY

ANUSHKA DIVEKAR C22020331510

MRUNMAYEE TUPE C22020221408

NAMRATA KEMBLE C22020221369

SHRAVANI GHASTE C22020221344

is a bonafide student at this institute and the work has been carried out by her under the supervision of Prof. Ashutosh Muchrikar and it is approved for the partial fulfilment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to savitribai phule pune university.), for the award of the degree of Bachelor of Technology (Computer Engineering).



Prof. Dr. S.A. Jadhav, Guide Head,

Department of Computer Engineering Department of Computer Engineering

(Dr. M.B. Khambete)

Director,

cummins college of engineering for women.

Place: Pune

Date: 04/1/24

August 18, 2023

To Whom It May Concern

This is to certify that Rutuja Keskar has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30,2023 to August 07,2023. During the period of internship program, she completed 10 weeks of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)

## CERTIFICATE

This is to certify that the project report entitled

**"HANDWRITTEN MODI LIPI CHARACTER RECOGNITION USING ML"**

Submitted by

RUTUJA ATUL KESKAR	C22020221370
ADITI AMAR NAIK	C22020881932
AKANKSHA KASREWAR	C22020881924
KHUSHI JAGETIA	C22020221357

Is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Sakshi Mandke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Sakshi Mandke)  
Guide  
Department of Computer Engineering

  
(Dr. S.A Jahirabadkar)  
Head  
Department of Computer Engineering

(Dr. M.B. Khambete)  
Principal,  
Cummins College of Engineering Women Pune-52

Place: Pune  
Date: 03-01-2024

## Morgan Stanley

**July 28, 2023**

To Whom It May Concern

Dear Sir/Madam

**Re: Sakshi Khaire**

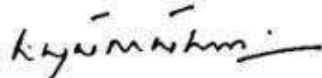
This is to confirm that Ms.Sakshi Khaire was employed by the Morgan Stanley group of companies from May 29, 2023 to July 28, 2023. Prior to her departure, she was working in the capacity of an Intern in the Institutional Securities Technology Division in India.

It is our policy only to provide references containing information as to the employee's title and dates of employment. This should not be seen as implying any comment about the employee or her suitability for future employment.

Morgan Stanley does not accept any liability in relation to any reliance placed upon this reference by the recipient or any third party.

Yours Sincerely,

**Morgan Stanley Advantage Svcs**



Rajat Mathur  
Authorized Signatory  
Human Resources



**Nomura Services India Private Limited**

Winchester – 10<sup>th</sup> Floor, Powai Business District, Powai,  
Mumbai - 400 076, India

**Telephone** +91 22 3053 4626

**Facsimile** +91 22 3053 2111

**Website** www.nomura.com

03 January 2024

**Internship Completion Letter**

This is to certify that Tanaya Rajendra Khaire, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Client Service Technology division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Reshma Khanna

Executive Director - Human Resources

Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 1-Sep-2023, Samiksha Vinayak Kondawar successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Samiksha Vinayak Kondawar best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*





### CERTIFICATE

This is to certify that the report entitled  
**PLANT DISEASE DETECTION**

submitted by

**Rutuja Dasharath Karwande : C22020221363**

**Sonali Balaji Katale : C22020221366**

**Samiksha Rajendra Kubade : C22020221374**

**Dnyaneshwari Mohan Gawali : C22021222302**

is a bonafide record of the student of this institute and the work has been carried out by her under the supervision of Prof. Sharayu Mirazdar. It is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune.

(an autonomous institute affiliated to savitribai phule pune university.)

for the award of the degree of Bachelor of Technology (Computer Engineering).

**Dr. Sunita Jahirabdkar**  
(Head of Department)  
Computer Engineering

**Prof. Sharayu Mirazdar**  
(Assistant Professor)  
Computer Engineering

**Dr. M.B. Khambete**  
Director,  
CCOE-W, PUNE

Microsoft India (R&D) Pvt. Ltd  
Prestige Ferns Galaxy  
Survey No, 7/1, 7/2 & 8/1A  
Ambalipura Village, Varthur Hobli  
Outer Ring Road, Bengaluru 560103



Tel + 91-80-61772000  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Riya Savant** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the "**Experience & Devices**" team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Debashish Rath (Drath) and Ashwini Rao (Asrao).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**



Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwada  
Pune – 411 006

August 18, 2023

Tel +91 (20) 71298000

**SERVICE CERTIFICATE**

This is to certify that Ms. Sakshi Todmal was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the RFT Grad Pune CTB Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Sakshi Todmal all success in her future endeavors.

Yours faithfully,  
Deutsche India Private Limited

A handwritten signature in blue ink, appearing to be 'A. Todmal', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, appearing to be 'S. Sakshi', written over a horizontal line.

**Authorised Signatory  
Human Resources**



August 2

**EXPERIENCE CERTIFICATE**

**To Whom It May Concern**

This is to certify that Ms. Anushka Divekar (Employee Code: 150795) was working in our organization from 22 May 2023 to 21 July 2023. She was working as Summer Intern and drawing an annual salary of Rs 480,000.00 /- at the time of relieving.

Anushka has been relieved from the services of Mastercard Technology Private Limited, with the closing hours of business on 21 July 2023.

We wish her all the best in her future endeavors.

Yours faithfully,

A handwritten signature in blue ink, appearing to read "D.A. Singh", is positioned to the left of a circular official stamp. The stamp is purple and contains the text "PUNE" in the center, surrounded by a circular border with some illegible text.

For: Mastercard Technology Private Limited

[People\\_services@mastercard.com](mailto:People_services@mastercard.com)

Global Business Services Centre - HR Services



Entitles

## ENTERPRISE ACCOUNT AUTOMATION

SUBMITTED BY

ANUSHKA DIVEKAR C22020331510

MRUNMAYEE TUPE C22020221408

NAMRATA KEMBLE C22020221369

SHRAVANI GHASTE C22020221344

is a bonafide student at this institute and the work has been carried out by her under the supervision of Prof. Ashutosh Muchrikar and it is approved for the partial fulfilment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to savitribai phule pune university.), for the award of the degree of Bachelor of Technology (Computer Engineering).



Prof. Dr. S.A. Jadhav, Guide Head,

Department of Computer Engineering Department of Computer Engineering

(Dr. M.B. Khambete)

Director,

cummins college of engineering for women.

Place: Pune

Date: 04/1/24



Oracle India Pvt. Ltd.  
India Development Center

Oracle Technology Park  
3, Bannerghatta Park  
Bangaluru - 560 029

CIN: U74899DL1993PTC051764  
Phone +91 80 4107 0000  
Fax +91 80 2552 6124

***Private & Confidential***

Ref: Oracle-Interns- 1794285

10<sup>th</sup> Oct 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Rutuja Bhoyar, student of Cummins College of Engineering for Women's, Pune (Pursuing BE/B.Tech) has completed her project with Oracle India Private Limited.

The project was undertaken from 14-Jun-2023 to 08-Aug-2023. She worked on "FMW Pipeline UI"

We wish her all the best in her future endeavours.

Yours sincerely  
For Oracle India Private Limited.

**Rambabu Jagatha**  
**Director – HR Operations**



## CERTIFICATE

This is to certify that the 4 months project report  
entitles

### EWASTEXCHANGE

Submitted by

RUTUJA BHOYAR	C22021222301	4377
SAKSHI CHAUDHARI	C22021222303	4379
KHUSHI AGRAWAL	C22021222305	4381
YASHSHRI JADHAV	C22021222306	4382


are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Mahendra Deore and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of Bachelor of Technology (Computer Engineering).

  
(Dr. Mahendra Deore)  
Guide,

Department of Computer Engineering

  
(Prof. Dr. S. A. Jahirabadkar)  
Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 4/01/2024



### CERTIFICATE

This is to certify that the report entitled  
**PLANT DISEASE DETECTION**

submitted by

**Rutuja Dasharath Karwande : C22020221363**

**Sonali Balaji Katale : C22020221366**

**Samiksha Rajendra Kubade : C22020221374**

**Dnyaneshwari Mohan Gawali : C22021222302**

is a bonafide record of the student of this institute and the work has been carried out by her under the supervision of Prof. Sharayu Mirazdar. It is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune.

(an autonomous institute affiliated to savitribai phule pune university.)

for the award of the degree of Bachelor of Technology (Computer Engineering).

**Dr. Sunita Jahirabdkar**  
(Head of Department)  
Computer Engineering

**Prof. Sharayu Mirazdar**  
(Assistant Professor)  
Computer Engineering

**Dr. M.B. Khambete**  
Director,  
CCOEW, PUNE

Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 01-Sep-2023, Sakshi Kiran Chaudhari successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Sakshi Kiran Chaudhari best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*





## CERTIFICATE

This is to certify that the 4 months project report  
entitles

### EWASTEXCHANGE

Submitted by

RUTUJA BHOYAR	C22021222301	4377
SAKSHI CHAUDHARI	C22021222303	4379
KHUSHI AGRAWAL	C22021222305	4381
YASHSHRI JADHAV	C22021222306	4382


are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Mahendra Deore and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of Bachelor of Technology (Computer Engineering).

  
(Dr. Mahendra Deore)  
Guide,

Department of Computer Engineering

  
(Prof. Dr. S. A. Jahirabadkar)  
Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 4/01/2024





14 August 2023

Private and Confidential

To whom it may concern

Our Ref: 00734501 G01483659

Dear Sir/Madam,

RE: Patankar, Aishwarya Amar

Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	Technology - Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,

HR Operations

Globalreferences@barclays.com



July 28, 2023

Internship Completion Letter

This is to confirm that **Khushi Manoj Agrawal**, who is currently pursuing Bachelor of Technology – Computer Engineering from **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Providence India from May 29, 2023, to July 28, 2023.

I wish **Khushi Manoj Agrawal** every success for the future.

Best wishes,

A handwritten signature in black ink that reads "Nagraj Shriyan".

Nagraj Shriyan

Executive Director – Talent Acquisition

**August 18, 2023**

**Intern Name: Yashshri Jadhav**

**Intern ID: 2142219**

**Re: Certificate of completion of Internship**

**Dear Yashshri,**

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from June 19, 2023 till August 11, 2023 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact [Indiafinalsettlement@wellsfargo.com](mailto:Indiafinalsettlement@wellsfargo.com) if you have any questions on the exit process.

Please contact [WFIPvendorqueries@wellsfargo.com](mailto:WFIPvendorqueries@wellsfargo.com) for background verifications.

Sincerely,

**For Wells Fargo International Solutions Private Ltd**



**Durgesh Nagarkatte**

Vice President – HR





## CERTIFICATE

This is to certify that the 4 months project report  
entitles

### EWASTEXCHANGE

Submitted by

RUTUJA BHOYAR	C22021222301	4377
SAKSHI CHAUDHARI	C22021222303	4379
KHUSHI AGRAWAL	C22021222305	4381
YASHSHRI JADHAV	C22021222306	4382


are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Mahendra Deore and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of Bachelor of Technology (Computer Engineering).

  
(Dr. Mahendra Deore)  
Guide,

Department of Computer Engineering

  
(Prof. Dr. S. A. Jahirabadkar)  
Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 4/01/2024

November 30, 2023

To Whom It May Concern

This is to certify that Shweta Jangam has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)



Maharshi Karve Struc Shikshan Samithi's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)  
**Department of Computer Engineering**



## CERTIFICATE

This is to certify that the project report entitled

**CourseCompanion : A Personalized Course Recommendation System**

Submitted by

SHWETA PATIL  
SHRUTI ADHAV  
PRERANA GAMARE

C22020221453  
C22020221309  
C22019221343

are bonafide student of this institute and the work has been carried out by them under the supervision of **Dr. Sheetal Barekar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering (Computer Engineering)**.

**Dr. Sheetal Barekar**  
Internal Guide  
Dept. of Computer Engg.

**Dr. Sunita Jahirabadkar**  
Head,  
Dept. of Computer Engg.

**Dr. M.B. Khambete**  
Principal  
Cummins College of Engineering for Women  
Pune - 52

Place: Pune

Date: 4-01-2024



Microsoft India (R&D) Pvt. Ltd  
Bagmane Capital Campus  
4-8th floor, Luxor North Tower  
Mahadevapura Village, KR Puram Hobli  
Bengaluru East Taluk – 560048, Karnataka, India

Tel + 91-80-61772000  
<http://www.microsoft.com/india>



**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Krishna Vijaykumar Laturiya** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Sankalp Soni (Sansoni) and Adishree Mazumder (Amazumder).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Krishna Vijaykumar Laturiya".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

**To Whomsoever It May Concern**

Date: January 08, 2024

**Dear Ms. Manasi Madake,**

This is to certify that **Ms. Manasi Madake** has done her internship as an Intern at Heera Software Pvt Ltd, Pune, from July 10, 2023, to January 08, 2024.

She has worked on the following project:

Projects:

1. ABL
2. KCL

Tools:

3. DEVOPS- Project Management tool (testcases and defect tracking)
4. Microsoft Teams – Collaboration and Communication.
5. Postman – API Testing
6. Selenium – Automation Testing
7. JMeter – Performance Testing
8. MongoDB and Microsoft SQL- Database Testing
9. Manual Testing -
  - i. Different Types of Testing
  - ii. Testcases Creation
  - iii. Test Execution
  - iv. Defect Identification
  - v. Test Documentation
  - vi. Test Reporting

During her internship, she demonstrated her skills with self-motivation to learn new skills. Her performance exceeded our expectations, and she was able to complete the project on time. We wish her all the best for her upcoming career. Yours faithfully,

For, **Heera Software Pvt Ltd.**

**Ms. Sonali Salave**



**HR Manager**

Date: 08.01.2024

9<sup>th</sup> January 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. Mahi Shukla was working with us as an Intern from 3<sup>rd</sup> July '2023 to 2<sup>nd</sup> January '2024.

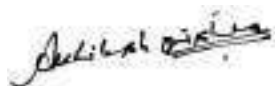
During this period, She was involved in below project :

➤ **Technician App Flutter Migration.**

During her training period in our Organization, She was very dedicated, sincere and efficient and completed her projects within a given time frame.

We wish her all the best in her future endeavors.

Yours sincerely,  
For nurture.farm



**Akhilesh Mishra**  
Head of Human Resources



**Nurture Agtech Limited**  
(Formerly known as AFS Agtech Limited)  
8h Floor, Sakti Statesman, Green Glen Layout,  
Bellandur, Bengaluru, Karnataka 560 103, India.

**Registered address:**  
Uniphos House, C.D. Marg, 11th Road, Khar  
West MUMBAI, Maharashtra 400052, India.  
CIN: U01100MH2019PTC335151



080 35000766  
info@nurture.farm  
www.nurture.farm



## **Certificate Of Competition**

Date : December 10, 2023

To Whom It May Concern

This is to certify that Maitreyi Mhaiskar has completed her internship at Finsharpe, Pune from August 10, 2023 to December 10, 2023. During the internship program, she completed 4 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,  
For Finsharpe



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Maitreyi Mayuresh Mhaiskar**

**Unique ID: 002052582**

This is to certify that **Maitreyi Mayuresh Mhaiskar D/o Mayuresh Jayant Mhaiskar** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**

# Company/ Institute Certificate

## Human Resources

Registered Office  
B6, 7th Floor, Nilton Knowledge Park,  
Goregaon (East), Mumbai - 400063  
CIN No: U72900MH2009FTC192938

T +91 22 6175 7999  
F +91 22 2653 2215  
Email: csf@citi.com

**Citicorp Services India Private Limited**



01 September 2023

Mitali Jayesh Majalgaonkar  
MKSSS Cummins College of Engg for Women

Dear Mitali,

This is to certify that you were engaged in an internship program with Citicorp Services India Private Limited, from 29/05/2023 to 21/07/2023.

During the internship, you have successfully completed the following projects:

Project Title: EEMS Common Approver Service

Project Guide: Aswani Nannapaneni

Designation: Intern, EIO&T

Location: Pune

We wish you all the best for your future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bilal".

Bilal Ahmed Shaikh  
Senior Vice President  
Human Resources





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the 6 months project report entitled

**"GRAD DESK - Connect, Grow And Thrive"**

Submitted by

Arpita Maske	C22020221407
Vaishnavi Netake	C22020221412
Rashmi Nikam	C22020221414
Payal Gaikwad	C22020221427

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Varsha Pimprale** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Varsha Pimprale)  
Guide,  
Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune – 52

(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

Place : Pune

Date : 4/01/2024



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Mrunmayee Rahul Tupe**

**Unique ID: 002052641**

This is to certify that **Mrunmayee Rahul Tupe D/o Rahul Tupe** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**

Entitles

## ENTERPRISE ACCOUNT AUTOMATION

SUBMITTED BY

ANUSHKA DIVEKAR C22020331510

MRUNMAYEE TUPE C22020221408

NAMRATA KEMBLE C22020221369

SHRAVANI GHASTE C22020221344

is a bonafide student at this institute and the work has been carried out by her under the supervision of Prof. Ashutosh Muchrikar and it is approved for the partial fulfilment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to savitribai phule pune university.), for the award of the degree of Bachelor of Technology (Computer Engineering).



Prof. Dr. S.A. Jadhav, Guide Head,

Department of Computer Engineering Department of Computer Engineering

(Dr. M.B. Khambete)

Director,

cummins college of engineering for women.

Place: Pune

Date: 04/1/24



Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwada  
Pune – 411 006

August 18, 2023

Tel +91 (20) 71296000

**SERVICE CERTIFICATE**

This is to certify that Ms. Sneha Naik was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the RFT Grad Pune CTB Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Sneha Naik all success in her future endeavors.

Yours faithfully,  
**Deutsche India Private Limited**

A handwritten signature in blue ink, appearing to be 'A. Naik', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, appearing to be 'S. Naik', written over a horizontal line.

**Authorised Signatory  
Human Resources**

09 August 2023

Private and Confidential  
To Whom it May Concern

Our Ref: 00731270 G01483563

Dear Sir / Madam,

RE: Nayagaonkar, Maitreyee Devendra


Regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Job Title	Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

For the avoidance of doubt, we do not include details on whether an employee is under notice of termination of employment (given or received) or whether an employee is on or is about to undertake a period of unpaid leave.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com

This is an auto-generated letter hence does not require wet ink signature.

## CERTIFICATE

This is to certify that the project report entitled

### "PREDICTIVE AND PRESCRIPTIVE MAINTENANCE OF RENEWABLE ENERGY GENERATION SYSTEMS"

Submitted by


STUDENT NAME: Maitreyee Nayagaonkar

CNUM: C22020221411

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Aparna Hajare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Aparna Hajare)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 09-02-2024

CCEW, Department of Computer Engineering 2023-24





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the 6 months project report entitled

**"GRAD DESK - Connect, Grow And Thrive"**

Submitted by

Arpita Maske	C22020221407
Vaishnavi Netake	C22020221412
Rashmi Nikam	C22020221414
Payal Gaikwad	C22020221427

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Varsha Pimprale** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Varsha Pimprale)  
Guide,  
Department of Computer Engineering

(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 4/01/2024

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Nidhi Malpani** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Charanjeet Kaur (Ckaur) and Mahalingam Venkataramanan (Mavenka).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink, appearing to read "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink, appearing to read "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.  
CIN: U72200DL1998PTC093824



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

### VOICE-ACTIVATED COGNITIVE ANALYSIS INTERFACE

Submitted by

SAUMYA THAKUR

NIDHI MALPANI

VAISHNAVI GAIKWAD

SHREYAL GEDDAM

C22020221442

C22020221413

C22020221468

C22020221452

STUDENT NAME:

C NUMBER:

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Sandhya Arora** and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University), for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Dr. Sandhya Arora)

Guide,

Department of Computer Engineering

(Dr. S. A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal.

Cummins College of Engineering for Women, Pune – 52

Place: Pune

Date: 05/01/24



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the 6 months project report entitled

**"GRAD DESK - Connect, Grow And Thrive"**

Submitted by

Arpita Maske	C22020221407
Vaishnavi Netake	C22020221412
Rashmi Nikam	C22020221414
Payal Gaikwad	C22020221427

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Varsha Pimprale** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Varsha Pimprale)  
Guide,  
Department of Computer Engineering

(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 4/01/2024



Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwada  
Pune – 411 006

August 18, 2023

Tel +91 (20) 71296000

### **SERVICE CERTIFICATE**

This is to certify that Ms. Nikita Raut was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the RFT Grad Pune CTB Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Nikita Raut all success in her future endeavors.

Yours faithfully,  
**Deutsche India Private Limited**

A handwritten signature in blue ink, appearing to read 'A. Raut', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, appearing to read 'A. Raut', written over a horizontal line.

**Authorised Signatory  
Human Resources**



August 4, 2023

**EXPERIENCE CERTIFICATE**

**To Whom It May Concern**

This is to certify that **Ms. Nilanshi Jain** (Employee Code: 150793) was working in our organization from **May 22, 2023 to July 21, 2023**. She was working as “**Summer Intern**” and drawing an annual salary of **Rs. 480,000.00 /-** at the time of relieving.

**Nilanshi** has been relieved from the services of **Mastercard Technology Private Limited**, with the closing hours of business on **July 21, 2023**.

We wish her all the best in her future endeavors.

Yours faithfully,

A handwritten signature in blue ink and a circular official stamp of Mastercard Technology Private Limited. The stamp contains the text "MASTERCARD TECHNOLOGY PRIVATE LIMITED" around the perimeter and "PUNE" in the center.

For: Mastercard Technology Private Limited

[People\\_services@mastercard.com](mailto:People_services@mastercard.com)

Global Business Services Centre - HR Services

Dated: **January 11, 2024**

**To Whomsoever It May Concern**

This is to certify that **Ms. Nilanshi Jain** has completed her training in **Generative AI** project with **IGT Solutions Private Limited** from **07<sup>th</sup> August, 2023 to 08<sup>th</sup> December, 2023**.

She has been displaying good conduct & is focused in her approach.

We wish her all the best in all her endeavors.

for **IGT Solutions Private Limited**

A handwritten signature in black ink that reads 'Ruchika Saim'. The signature is written in a cursive style and is underlined with two parallel lines.

**Ruchika Saim**  
**Head Human Resource - Data & Digital**  
**Ruchika.Saim@igtsolutions.com**





**To whomsoever it may concern**

This is to certify that **Parandwal, Sakshi** from MKSSS'S Cummins College of Engineering for Women Pune, was working with Dell Technologies for Internship Project.

Project Details	
Project Name	Spend Deck Migration
Duration	05-June-2023 to 04-August-2023
Location	Bangalore
Reporting Manager Name	KV, Manjunath

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003





## CERTIFICATE

This is to certify that the project report entitled  
"SECURITY POSTURE DETECTION USING LLM"

Submitted by

SAKSHI PARANDAWAL	C22020221418	4417
HIMANI PATIL	C22020221420	4419
MANASI PATIL	C22020221421	4420
SAKSHI RAUT	C22020221437	4436

are bonafide students of this institute and the work has been carried out by her under the supervision of **Dr. Mahendra Deore** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.



(Dr. Mahendra Deore)

Guide,  
Department of Computer Engineering



(Dr. Sunil Jahirabdkar)

Head,  
Department of Computer Engineering



(Dr. M. B. Khandbete)

Director,  
Cummins College of Engineering for Women Pune -52

Place : Pune

Date : 21.02.24

Cummins College of Engineering, Department of Computer Engineering 2023-24

## CERTIFICATE



This is to certify that the 6 months project report entitled

### **“ ESTIMATION OF PM2.5 VALUES ON IMAGES USING MACHINE LEARNING”**

Submitted by

1. Poonam Bahiram: C22020221315
2. Sheenu Bhatt :C22020111101
3. Shruti Mahajan: C22020221303
4. Apurva Patil: C22020221419

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof.Meenal Kamlakar and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karve nagar, pune (an autonomous institute affiliated to savitribai phule pune university.), for the award of the degree of Bachelor of Technology (Computer Engineering).

Handwritten signature of Prof. Meenal Kamlakar in blue ink.

**Prof. Meenal Kamlakar**  
Guide  
Department of Computer Engineering

Handwritten signature of Dr. Sunita Jahirabadkar in blue ink.

**Dr. Sunita Jahirabadkar**  
Head  
Department of Computer Engineering

Handwritten signature of Dr. Madhuri B. Khambete in blue ink.

**Dr. Madhuri B. Khambete**  
Principal  
MKSSS's Cummins College of Engineering for Women, Pune - 411052

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Himani Patil** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Rama Kiran Katta (Rkatta) and Vanshika Sharma (Vansha).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink, appearing to read "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink, appearing to read "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.  
CIN: U72200DL1998PTC093824



## CERTIFICATE

This is to certify that the project report entitled  
"SECURITY POSTURE DETECTION USING LLM"

Submitted by

SAKSHI PARANDAWAL	C22020221418	4417
HIMANI PATIL	C22020221420	4419
MANASI PATIL	C22020221421	4420
SAKSHI RAUT	C22020221437	4436

are bonafide students of this institute and the work has been carried out by her under the supervision of **Dr. Mahendra Deore** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Dr. Mahendra Deore)

Guide,

Department of Computer Engineering

(Dr. Sunil Jahirabdkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khandete)

Director,

Cummins College of Engineering for Women Pune -52

Place : Pune

Date : 21.02.24

14 August 2023

Private and Confidential

To whom it may concern

Our Ref: 00734501 G01483088

Dear Sir/Madam,

RE: Manasi Mahadev Patil

Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	BA3 INTERNS
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com





## CERTIFICATE

This is to certify that the project report entitled  
"SECURITY POSTURE DETECTION USING LLM"

Submitted by

SAKSHI PARANDAWAL	C22020221418	4417
HIMANI PATIL	C22020221420	4419
MANASI PATIL	C22020221421	4420
SAKSHI RAUT	C22020221437	4436

are bonafide students of this institute and the work has been carried out by her under the supervision of **Dr. Mahendra Deore** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.



(Dr. Mahendra Deore)

Guide,  
Department of Computer Engineering



(Dr. Sunil Jahirabdkar)

Head,  
Department of Computer Engineering



(Dr. M. B. Kumbete)

Director,  
Cummins College of Engineering for Women Pune -52

Place : Pune

Date : 21.02.24

Cummins College of Engineering, Department of Computer Engineering 2023-24

14 August 2023

Private and Confidential

To whom it may concern

Our Ref: 00734501 G01483088

Dear Sir/Madam,

RE: Manasi Mahadev Patil

Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	BA3 INTERNS
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com

## CERTIFICATE

This is to certify that the project report entitled

### **"PREDICTIVE AND PRESCRIPTIVE MAINTENANCE OF RENEWABLE ENERGY GENERATION SYSTEMS"**

Submitted by

STUDENT NAME: Prital Patil

CNUM: C22020221422

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Aparna Hajare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.



(Prof. Aparna Hajare)  
Guide  
Department of Computer Engineering



(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering



(Dr. M. H. Khambeje)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 03-02-2024



CCEW, Department of Computer Engineering 2023-24



**To whomsoever it may concern**

This is to certify that **Patil, Tanaya** from MKSSS's Cummins College of Engineering for Women, was working with Dell Technologies for Internship Project.

Project Details	
Project Name	Kafka Health Check
Duration	03-Jul-2023 to 01-Sep-2023
Location	Bangalore
Reporting Manager Name	Sahoo, Gitanjali Nanda

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003





**HR-SSC/04-01-2024/528255**

**04 January 2024**

**To Whom It May Concern,**

This is to certify that **Ms. Tejal Patil**, student of “**Mksss’s Cummins College of Engineering For Women, Pune**” has successfully completed her internship in “**IT APP Developments**” under the guidance of **Mr. Pratik Gawali** at **Tata Communications Transformation Services Limited** from **26 June 2023** to **26 December 2023**.

She was found to be sincere and hardworking during her tenure.

We wish her success in all her future endeavours.

The above information is correct as per our company records as on the date of this letter issued. For any questions, please contact us at [AskHR@tatacommunications.com](mailto:AskHR@tatacommunications.com)

**For Tata Communications Transformation Services Limited,**

A handwritten signature in black ink that reads 'Vaibhav Kaul'.

**Vaibhav Kaul**  
**General Manager-HRSSC**

*Note: This is an electronically signed document.*

**TATA COMMUNICATIONS**

Tata Communications Transformation Services Limited  
Regd. Office: Plot No.C-21 & C-36, G-Block, Bandra-Kurla Complex, Mumbai 400098.  
Tel 91 22 66591113 Fax 91 22 6691 0128 email: [askhr@tatacommunications.com](mailto:askhr@tatacommunications.com) CIN  
No. U93090MH2006PLC165083 website : [tatacommunications-ts.com](http://tatacommunications-ts.com)



Oracle India Pvt. Ltd.  
India Development Center

Oracle Technology Park  
3, Bannerghatta Park  
Bangaluru - 560 029

CIN: U74899DL1993PTC051764  
Phone +91 80 4107 0000  
Fax +91 80 2552 6124

***Private & Confidential***

Ref: Oracle-Interns- 1794324

10<sup>th</sup> Oct 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Trupti Ajeet Patil, student of Cummins College of Engineering for Women's, Pune (Pursuing BE/B.Tech) has completed her project with Oracle India Private Limited.

The project was undertaken from 14-Jun-2023 to 08-Aug-2023. She worked on "JavaFX Graphics Testing using Jemmy"

We wish her all the best in her future endeavours.

Yours sincerely  
For Oracle India Private Limited.

**Rambabu Jagatha**  
**Director – HR Operations**





Maharshj Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE


This is to certify that the project report entitled  
"ASSET CYBERSECURITY RISK SCORE TUNING"


Submitted by


STUDENT NAME : TRUPTI PATIL  
MANSI RATHI  
VAISHNAVI SARDA  
JESSICA TAPAR

Exam No : C22020221425  
C22020221436  
C22020221441  
C22020221457

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Hitendra Khairnar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**Prof. Hitendra Khairnar**  
Guide  
Department of Computer Engineering

  
**Dr. Sunita Jahirabadkar**  
Head,  
Department of Computer Engineering

  
**Dr. M. B. Khambete**  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune  
Date : 04/01/2024



## CERTIFICATE

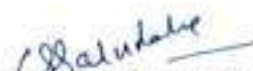
This is to certify that the project report entitled

### TEXTMATE INTERROGATE WITH PDF

Submitted by

STUDENT NAME	C-NUMBER
VAISHNAVI PANDE	C22020881968
SHRAVANI MENDKUDLE	C22021882904
PRAGATI MULIK	C22020881931
TANUJA PAWAR	C22020221426

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Gitanjali Salunkhe** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Gitanjali Salunkhe)  
Guide  
Department of Computer Engineering  
Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 04/01/2024



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the 6 months project report entitled

**"GRAD DESK - Connect, Grow And Thrive"**

Submitted by

Arpita Maske	C22020221407
Vaishnavi Netake	C22020221412
Rashmi Nikam	C22020221414
Payal Gaikwad	C22020221427

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Varsha Pimprale** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Varsha Pimprale)  
Guide,  
Department of Computer Engineering

(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 4/01/2024

# INTERNSHIP COMPLETION CERTIFICATE

Presented to

**Ms. Shraddha Paymode**

student of **Cummins College** for successfully completing  
Internship with Fresh Gravity from **June 5, 2023**, to  
**September 29, 2023**.

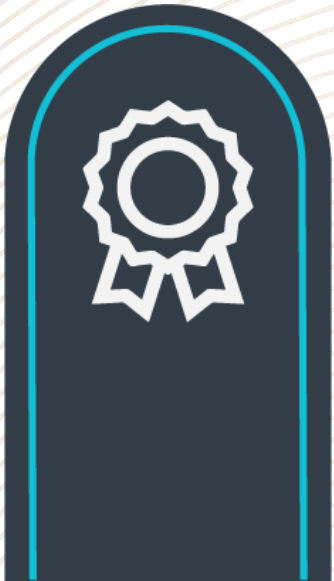
Best wishes for all future endeavors.

October 12, 2023

DATE



**Sonali Kulkarni**  
HR Manager







Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled  
**"GANDHAR EVENT MANAGEMENT SYSTEM"**

Submitted by

STUDENT NAME	CNUM
Aparna Pandita	C22020221302
Rujuta Damle	C22020221330
Purva Thite	C22021882901
Shraddha Paymode	C22020221428

is a Bonafide student at this institute and the work has been carried out by her under the supervision of **Mrs. Sunita Jahirabdkar** and **Mrs. Simantinee Kulkarni**. It is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Simantinee Kulkarni)

Guide,

Department of Computer Engineering

(Dr. Sunita Jahirabdkar)

HOD,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 04-01-2024



## Internship Completion Letter

July 28, 2023

This is to confirm that **Piyusha Nair**, who is currently pursuing **Bachelor of Technology - Computer Engineering** from **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Providence India from May 29, 2023, to July 28, 2023.

I wish **Piyusha Nair** every success for the future.

Best wishes,

Nagraj Shriyan  
Executive Director – Talent Acquisition

November 30, 2023

To Whom It May Concern

This is to certify that Priya Mugal has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)



**Nomura Services India Private Limited**

Winchester - 10<sup>th</sup> Floor, Powai Business District, Powai,  
Mumbai - 400 076, India

**Telephone** +91 22 3053 4626

**Facsimile** +91 22 3053 2111

**Website** www.nomura.com

03 January 2024

**Internship Completion Letter**

This is to certify that Chinmayee Rahul Pujari, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Global Markets IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

**Reshma** Digitally signed by  
**Khanna** Reshma Khanna  
Date: 2024.01.03  
18:05:25 +05'30'

Reshma Khanna  
Executive Director - Human Resources

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032

Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>



21-Jul-23

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Aishwarya Purandare** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Rajneesh Mitharwal (Ramithar) and Amita Pradhan (Amitapradhan).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.  
CIN: U72200DL1998PTC093824



**To whomsoever it may concern**

This is to certify that **Purohit, Anusha** from, MKSSS Cummins College of Engineering for Women was working with Dell Technologies for Internship Project.

Project Details	
Project Name	DRT (Developer Ready Testing) as part of DRP (Developer Ready Platform) in TechOps
Duration	05-Jun-2023 to 30-Nov-2023
Location	Bangalore
Reporting Manager Name	Speerschneider, Derek

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003



**Human Resources**

Registered Office  
86, 7th Floor, Nirios Knowledge Park,  
Goregaon (East), Mumbai - 400063  
CIN No. U72500MH2009FTC192938

T: +91 22 6175 7999  
F: +91 22 2933 2215  
Email: [hr@csi.com](mailto:hr@csi.com)

**Citicorp Services India Private Limited**



01 September 2023

Ishwari Jitendra Rakshe  
MKSSS Cummins College of Engg for Women

Dear Ishwari,

This is to certify that you were engaged in an internship program with Citicorp Services India Private Limited, from 29/05/2023 to 21/07/2023.

During the internship, you have successfully completed the following projects:

Project Title: Search Functionality

Project Guide: Sunil Rodrigues  
Designation: Intern, ICG Tech  
Location: Pune

We wish you all the best for your future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bilal".

Bilal Ahmed Shaikh  
Senior Vice President  
Human Resources



Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwada  
Pune – 411 006

August 18, 2023

Tel +91 (20) 71296000

**SERVICE CERTIFICATE**

This is to certify that Ms. Harit Rane was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the CB Tech Mgmt & Architecture Pune Grad Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Harit Rane all success in her future endeavors.

Yours faithfully,  
**Deutsche India Private Limited**

A handwritten signature in blue ink, appearing to be 'A. Rane', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, appearing to be 'S. Rane', written over a horizontal line.

**Authorised Signatory  
Human Resources**

**Human Resources**

Registered Office  
B6, 7th Floor, Nirion Knowledge Park,  
Goregaon (East), Mumbai - 400063  
CIN No: U72900MH2009FTCL92938

T +91 22 6175 7999  
F +91 22 2653 2215  
Email:csil@citi.com

**Citicorp Services India Private Limited**



01 September 2023

Mansi Nilesh Rathi  
MKSSS Cummins College of Engg for Women

Dear Mansi,

This is to certify that you were engaged in an internship program with Citicorp Services India Private Limited, from 29/05/2023 to 21/07/2023.

During the internship, you have successfully completed the following projects:

Project Title: API Automation Testing

Project Guide: Nikhil Kulkarni  
Designation: Intern, EIO&T  
Location: Pune

We wish you all the best for your future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bilal".

Bilal Ahmed Shaikh  
Senior Vice President  
Human Resources





Maharshj Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled  
"ASSET CYBERSECURITY RISK SCORE TUNING"


Submitted by


STUDENT NAME : TRUPTI PATIL  
MANSI RATHI  
VAISHNAVI SARDA  
JESSICA TAPAR

Exam No : C22020221425  
C22020221436  
C22020221441  
C22020221457

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Hitendra Khairnar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**Prof. Hitendra Khairnar**  
Guide  
Department of Computer Engineering

  
**Dr. Sunita Jahirabadkar**  
Head,  
Department of Computer Engineering

  
**Dr. M. B. Khambete**  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune  
Date : 04/01/2024

**SAP Labs India Pvt. Ltd.**  
138, Export Promotion  
Industrial Park, WhiteField,  
Bangalore 560066  
Tel: +91-80-4329 4329  
Fax: +91-80-4329 6969  
<http://www.sap.com>



**03.08.2023**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Miss. Sakshi Raut**, student of **Cummins College of Engineering for Women, Pune** has successfully completed her project titled **Demo System Documentation** at **SAP Labs India Pvt. Ltd., Bangalore** under the guidance of **Mr. Santosh Pratap Singh, Area Architect**.

Documentation of the application in the project report is not feasible due to its confidential nature. The interns are not allowed to share the application outside the workplace.

This project is in partial fulfillment of the requirements for the award of the degree **B. Tech** for the academic year 2023-2024. The duration of the project was from **5<sup>th</sup> June 2023** to **4<sup>th</sup> August 2023**.

for **SAP Labs India Pvt. Ltd.**,

A handwritten signature in blue ink, appearing to read 'Sabish', with a horizontal line underneath it.

**Sabish Kovath Bhaskar**  
**Senior Consultant- HR**



## CERTIFICATE

This is to certify that the project report entitled  
"SECURITY POSTURE DETECTION USING LLM"

Submitted by

SAKSHI PARANDAWAL	C22020221418	4417
HIMANI PATIL	C22020221420	4419
MANASI PATIL	C22020221421	4420
SAKSHI RAUT	C22020221437	4436

are bonafide students of this institute and the work has been carried out by her under the supervision of **Dr. Mahendra Deore** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.



(Dr. Mahendra Deore)

Guide,  
Department of Computer Engineering



(Dr. Sunil Jahirabadkar)

Head,  
Department of Computer Engineering



(Dr. M. B. Khandekar)

Director,  
Cummins College of Engineering for Women Pune -52

Place : Pune

Date : 21.02.24

Cummins College of Engineering, Department of Computer Engineering 2023-24



**To whomsoever it may concern**

This is to certify that **Ray, Rohini** from MKSSS'S Cummins College of Engineering for Women Pune, was working with DellTechnologies for Internship Project.

Project Details	
Project Name	Digital LifeCare
Duration	05-June-2023 to 04-August-2023
Location	Bangalore
Reporting Manager Name	R M, Chandrasekhar

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE


This is to certify that the project report entitled

**"DANTA VISHRAM"**

Submitted by

STUDENT NAME <b>ROHINI RAY</b>	Exam No: C22020221438
<b>RUJUTA JOSHI</b>	Exam No: C22020221361
<b>HARSHADA CHAVAN</b>	Exam No: C22020221325

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Madhuri Tasgaonkar** and it is approved for the partial fulfilment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(**Prof. Madhuri Tasgaonkar**)  
Guide  
Department of Computer Engineering

  
(**Dr. Sunita Jahirabadkar**)  
Head,  
Department of Computer Engineering

  
(**Dr. M. B. Khambete**)  
Principal,  
Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 3 January 2024



Boeing India Private Limited  
Registered Office: 3rd Floor, DLF Centre,  
Sansad Marg,  
New Delhi 110001 India

---

**October 17, 2023**

**To Whom So Ever It May Concern**

This is to certify that Ms. Samruddhi Ajay Bhoyar has done internship with Boeing India Private Limited (A subsidiary of The Boeing Company) from July 03, 2023 to September 01, 2023. During this period, she worked as Intern - Student Engineer and has completed the assigned tasks with great satisfaction.

We wish Ms. Samruddhi Ajay Bhoyar the best in her future endeavors.

For Boeing India Private Limited

---

**Authorized Signatory**





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**“ShareWheel - A car riding app”**

Submitted by

**SAMRUDDHI SHINDE**

**POOSHA MEHETRE**

**SAMRUDDHI BHOYAR**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Shilpa Pant** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Shilpa Pant)

Guide

Department of Computer Engineering

  
(Dr. Sunil Jahirabadkar)

Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 01-04-2023

Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date:09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 1-Sep-2023, Sejal Sanjay Sanap successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Sejal Sanjay Sanap best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"SKIN DISEASE PREDICTOR AND ANALYZER FOR EARLY DETECTION AND WARNINGS"**

Submitted by

<b>STUDENT NAME</b>	<b>CNUM:</b>
SEJAL SANAP	C22020221440
SAMRUDDHI SAWANT	C22020221445
SAKSHI AGRAWAL	C22020881901

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Neeta Maitre** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Dr. Neeta Maitre)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date :

CCEW, Department of Computer Engineering 2023-24



Oracle India Pvt. Ltd.  
India Development Center

Oracle Technology Park  
3, Bannerghatta Park  
Bangaluru - 560 029

CIN: U74899DL1993PTC051764  
Phone +91 80 4107 0000  
Fax +91 80 2552 6124

***Private & Confidential***

Ref: Oracle-Interns- 1794407

10<sup>th</sup> Oct 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Vaishnavi Sarada, student of Cummins College of Engineering for Women's, Pune (Pursuing BE/B.Tech) has completed her project with Oracle India Private Limited.

The project was undertaken from 14-Jun-2023 to 08-Aug-2023. She worked on "Desktop Authenticator API"

We wish her all the best in her future endeavours.

Yours sincerely  
For Oracle India Private Limited.

**Rambabu Jagatha**  
**Director – HR Operations**



Maharshj Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE


This is to certify that the project report entitled  
"ASSET CYBERSECURITY RISK SCORE TUNING"


Submitted by


STUDENT NAME : TRUPTI PATIL  
MANSI RATHI  
VAISHNAVI SARDA  
JESSICA TAPAR

Exam No : C22020221425  
C22020221436  
C22020221441  
C22020221457

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Hitendra Khairnar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**Prof. Hitendra Khairnar**  
Guide  
Department of Computer Engineering

  
**Dr. Sunita Jahirabadkar**  
Head,  
Department of Computer Engineering

  
**Dr. M. B. Khambete**  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune  
Date : 04/01/2024

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Saumya Thakur** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Experience & Devices"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Shyamsunder Gopale (Sgopale) and Ramesh Adapa (Rameshadapa).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.  
CIN: U72200DL1998PTC093824



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

### VOICE-ACTIVATED COGNITIVE ANALYSIS INTERFACE

Submitted by

SAUMYA THAKUR

NIDHI MALPANI

VAISHNAVI GAIKWAD

SHREYAL GEDDAM

C22020221442

C22020221413

C22020221468

C22020221452

STUDENT NAME:

C NUMBER:

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Sandhya Arora** and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University), for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Dr. Sandhya Arora)

Guide,

Department of Computer Engineering

(Dr. S. A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal.

Cummins College of Engineering for Women, Pune – 52

Place: Pune

Date: 05/01/24



Building greater  
futures through  
innovation and  
collective knowledge

TCS Commitment



In it for good.



Bring everything.



Know-how.



Master the journey.



Building on belief

# Internship Certificate

## Uma Rajiv Sawant Bhosale

Course: BTech in Computer Science and Engineering

Institute: Cummins College of Engineering for Women, Pune

From **03-Jul-2023** to **29-Dec-2023**

Mentor Name: **Tushar Thorat**

Project: **Visual Language Reasoning using Large Language Model (LLM)**

**Hrishikesh Jayant Dhande**

*Regional Head-Academic Interface Program  
TCS Pune*

# INTERNSHIP COMPLETION CERTIFICATE

Presented to

**Ms. Mahima Sawant**

student of **Cummins College** for successfully completing  
Internship with Fresh Gravity from **June 5, 2023**, to  
**September 29, 2023**.

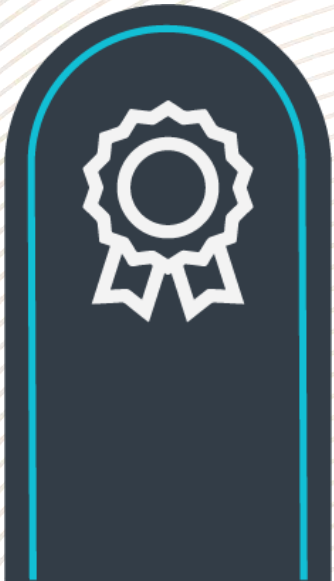
Best wishes for all future endeavors.

October 12, 2023

DATE



**Sonali Kulkarni**  
HR Manager





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"DANCE ACADEMY WEBSITE"**

Submitted by

STUDENT NAME	C.NO.
SHREYA GOJA	C22020221301
RICHA DESHPANDE	C22020221334
MAHIMA SAWANT	C22020221444

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Priya Deokar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Priya Deokar)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabdkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04-01-2024

CCEW, Department of Computer Engineering 2023-24

Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 1-Sep-2023, Samruddhi Pravin Sawant successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Samruddhi Pravin Sawant best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"SKIN DISEASE PREDICTOR AND ANALYZER FOR EARLY DETECTION AND WARNINGS"**

Submitted by

<b>STUDENT NAME</b>	<b>CNUM:</b>
SEJAL SANAP	C22020221440
SAMRUDDHI SAWANT	C22020221445
SAKSHI AGRAWAL	C22020881901

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Neeta Maitre** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Dr. Neeta Maitre)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date :

CCEW, Department of Computer Engineering 2023-24



**To whomsoever it may concern**

This is to certify that **Damle, Sayalee** from MKSSS's Cummins College of Engineering for Women, was working with Dell Technologies for Internship Project.

Project Details	
Project Name	User Engagement Statistics
Duration	03-Jul-2023 to 01-Sep-2023
Location	Bangalore
Reporting Manager Name	Silvester, Naveen

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003







HR Operations India Helpdesk  
barclays.com

08 August 2023

Private and Confidential  
To Whom It May Concern

Our Ref: 00729880 G01483543

Dear Sir / Madam,  
RE: Shastri, Rutuja Deepak

Regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Job Title	Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

For the avoidance of doubt, we do not include details on whether an employee is under notice of termination of employment (given or received) or whether an employee is on or is about to undertake a period of unpaid leave.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,

HR Operations

Globalreferences@barclays.com

This is an auto-generated letter hence does not require wet ink signature.

Registered in India with limited liability: Registered Office: 5th to 12th Floor (Part), Building G2, Gera Commerzone SEZ, Survey No. 65, Kharadi, Pune - 411014, Maharashtra, India.

CIN: U72200PN200 7FTC132479, Tel: +91 (20) 6716-0007, Fax: +91 (20) 6716-1800, Website: www.barclays.com

Restricted - External



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"BLOCKCHAIN CROWDFUNDING AND STARTUP ACCELERATOR"**

Submitted by

VAISHNAVI KALE	C22020881923
SHREYA JADHAV	C22020881918
SHRUTI SHENDE	C22020881448
SAWARI SHINDE	C22020881450

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Prakash Dale** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Prakash Dale)  
Guide  
Department of Computer Engineering

  
(Dr. Sunil Dahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date

# CERTIFICATE

- OF INTERNSHIP -

This Certificate is presented to

**Ms. AKANKSHA SHINDE**

student of **Cummins College** for successfully completing  
the internship with **KRA Jewellers** from  
**1 July 2023 to 2 January 2024.**

- 03 Jan 2024 -

**Date**



[www.krajewellers.com](http://www.krajewellers.com)



**Pritam Kajale**  
**HR Manager**

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Samruddhi Shinde** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the "**Experience & Devices**" team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Loknadh Madasu (Loknadh) and Pooja Sanklecha (Posankle).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.  
CIN: U72200DL1998PTC093824





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**“ShareWheel - A car riding app”**

Submitted by

**SAMRUDDHI SHINDE**

**POOSHA MEHETRE**

**SAMRUDDHI BHOYAR**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Shilpa Pant** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Shilpa Pant)

Guide

Department of Computer Engineering

  
(Dr. Sunil Jahirabadkar)

Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 01-04-2024



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"BLOCKCHAIN CROWDFUNDING AND STARTUP ACCELERATOR"**

Submitted by

VAISHNAVI KALE	C22020881923
SHREYA JADHAV	C22020881918
SHRUTI SHENDE	C22020881448
SAWARI SHINDE	C22020881450

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Prakash Dale** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Prakash Dale)  
Guide  
Department of Computer Engineering

  
(Dr. Sunil Dahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date



## Internship Completion Letter

July 28, 2023

This is to confirm that **Shreyal Geddham**, who is currently pursuing **Bachelor of Technology - Computer Engineering** from **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Providence India from May 29, 2023, to July 28, 2023.

I wish **Shreyal Geddham** every success for the future.

Best wishes,

Nagraj Shriyan  
Executive Director – Talent Acquisition





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

### VOICE-ACTIVATED COGNITIVE ANALYSIS INTERFACE

Submitted by

SAUMYA THAKUR

NIDHI MALPANI

VAISHNAVI GAIKWAD

SHREYAL GEDDAM

C22020221442

C22020221413

C22020221468

C22020221452

STUDENT NAME:

C NUMBER:

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Sandhya Arora** and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University), for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Dr. Sandhya Arora)

Guide,

Department of Computer Engineering

(Dr. S. A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal.

Cummins College of Engineering for Women, Pune – 52

Place: Pune

Date: 05/01/24



Maharshi Karve Struc Shiksha Samithi's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)  
**Department of Computer Engineering**



## CERTIFICATE

This is to certify that the project report entitled

**CourseCompanion : A Personalized Course Recommendation System**

Submitted by

SHWETA PATIL  
SHRUTI ADHAV  
PRERANA GAMARE

C22020221453  
C22020221309  
C22019221343

are bonafide student of this institute and the work has been carried out by them under the supervision of **Dr. Sheetal Barekar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering (Computer Engineering)**.

**Dr. Sheetal Barekar**  
Internal Guide  
Dept. of Computer Engg.

**Dr. Sunita Jahirabadkar**  
Head,  
Dept. of Computer Engg.

**Dr. M.B. Khambete**  
Principal  
Cummins College of Engineering for Women  
Pune - 52.

Place: Pune

Date: 4-01-2024

JPMC Employee ID: O790393

2 August 2023

MKSSS's Cummins College Of Engineering for Women, Pune

Dear Sir/Madam,

**Re: Ms Sonakshi Goyal - Confirmation of Employment Details**

This letter is to certify the below details for Ms Sonakshi Goyal, AADHAR 756777503904

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Corporate & Investment Bank

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact [referencing\\_team@jpmchase.com](mailto:referencing_team@jpmchase.com).

Yours faithfully,



Siddharth Taneja  
Vice President  
Human Resources



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

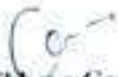
This is to certify that the project report entitled

### VISUALIZATION OF CONTEXT SENSITIVE DEF-USE EDGES

Submitted by

SONAKSHI GOYAL CNUM: C22020221454 ROLL NO: 4453  
SPOORTI APARANJI CNUM: C22020881904 ROLL NO: 4904  
DIVYA GANESHI CNUM: C22020221337 ROLL NO: 4337  
SIDDHI KOTTAWAR CNUM: C22020881927 ROLL NO: 4926

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Chhaya Gosavi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**Dr. Chhaya Gosavi**  
Internal Guide,  
Department of Computer  
Engineering

  
**Dr. Sunita Jahirabadkar**  
Head,  
Department of Computer  
Engineering

  
**(Dr. M. B. Khambete)**  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune  
Date : 11/11/23

**December 21, 2023**

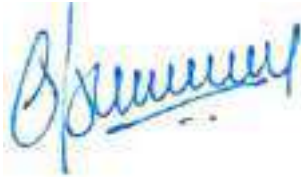
**To Whomever It May Concern**

This is to certify that **Ms. Sai Suryawanshi** bearing **Employee code : 220184** has successfully completed 4 months of an internship program from **August 16, 2023 to December 15, 2023** in the **Delivery** function of our organization, under the mentorship of **Mr. Sharanabasappa Sajjan**.

During the internship program we have found her self- motivated and hardworking. She worked sincerely at her tasks and did a very good job.

We wish her great success in her future endeavors.

**For Birlasoft Limited.**



**Varun Mittal**

**Director - HR**

16/08/23

Miss Sai Suryawanshi,

To Whom It May Concern,

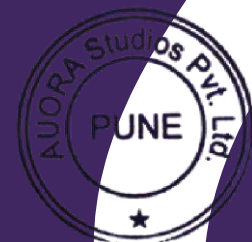
This is to certify that Ms. Sai Suryawanshi has successfully completed her two months Business Development Internship at Auora Studios Private Limited from 20/06/2023 to 15/08/2023. During her time with us, Ms. Suryawanshi displayed dedication, enthusiasm, and a strong work ethic, contributing significantly to our team's projects and objectives. Throughout her internship, Ms. Suryawanshi demonstrated exceptional skills in various aspects of technical and non-technical.



We wish her the very best in all her future endeavors and have no doubt that she will continue to excel in her career.



Mr. Charudatta Pagare  
Managing Director  
Auora Studios Pvt. Ltd.  
Pune, India.



U74140PN2022PTC208287



HR Operations India Helpdesk  
barclays.com

11 August 2023

Private and Confidential  
To whom it may concern

Our Ref: 00734501 G01484043

Dear Sir/Madam,  
RE: Takalkar, Sakshi Kiran

Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	Technology - Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,

HR Operations

Globalreferences@barclays.com

This is an auto-generated letter hence does not require wet ink signature.

Registered in India with limited liability: Registered Office: 5th to 12th Floor (Part), Building G2, Gera Commerzone SEZ, Survey No. 65, Kharadi, Pune - 411014, Maharashtra, India.

CIN: U72200PN200 7FTC132479, Tel: +91 (20) 6716-0007, Fax: +91 (20) 6716-1800, Website: www.barclays.com

Restricted - External



JPMC Employee ID: O790383

2 August 2023

To Whom It May Concern

Dear Sir/Madam,

**Re: Ms Jessica Tapar - Confirmation of Employment Details**

This letter is to certify the below details for Ms Jessica Tapar, PAN BZVPT3138H

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Corporate Sector

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact [referencing\\_team@jpmchase.com](mailto:referencing_team@jpmchase.com).

Yours faithfully,



Siddharth Taneja  
Vice President  
Human Resources



Maharshj Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled  
"ASSET CYBERSECURITY RISK SCORE TUNING"


Submitted by


STUDENT NAME : TRUPTI PATIL  
MANSI RATHI  
VAISHNAVI SARDA  
JESSICA TAPAR

Exam No : C22020221425  
C22020221436  
C22020221441  
C22020221457

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Hitendra Khairnar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**Prof. Hitendra Khairnar**  
Guide  
Department of Computer Engineering

  
**Dr. Sunita Jahirabadkar**  
Head,  
Department of Computer Engineering

  
**Dr. M. B. Khambete**  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune  
Date : 04/01/2024

25<sup>th</sup> September 2023

**To Whomsoever it May Concern**

This is to certify that **Amruta Thaore** from Cummins College of Engineering for Women, Pune has completed her mentorship at Persistent Systems Ltd. from June 1<sup>st</sup>, 2023, to July 31<sup>st</sup>, 2023.

Her project title was “**E-Commerce Website**” and was completed under the guidance of Mr. Ajay Lohakare.

Thanks & regards,



**Kalpana Kudlingar**  
**Head Early Careers and Campus Relations**  
For Persistent Systems Ltd



## CERTIFICATE

This is to certify that the 4 months project report  
entitles

### CONTEXT BASED TRUST MANAGEMENT IN SOCIAL INTERNET OF THINGS

Submitted by

AMRUTA THAORE	C22020221459	4457
NIRMITI PARDHE	C22021882902	4969
UTKARSHAA GODSE	C22021882908	4974

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Supriya Kelkar and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of Bachelor of Technology (Computer Engineering).

(Dr. Supriya Kelkar)

Guide

Department of Computer Engineering

(Prof. Dr. S. A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 4/01/2024

Date : January 11, 2024

To Whomsoever It May Concern

This is to inform that **Sejal Subhash Todkar** has successfully completed his/her internship with us.

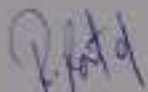
Sejal worked on a project titled "**Re-designing data science home page**" under the guidance of **Pramit Maji**.

The duration of his/her project was from July 3, 2023 to December 29, 2023.

Sejal's overall performance during the project work was found good.

We wish Sejal all the best.

For **MSD Pharmaceuticals Private Limited**  
(A Subsidiary of Merck & Co., Inc.)



**Rasik Patel**  
Senior Manager – Talent Acquisition

**Pramit Maji**  
Pramit Maji  
Manager – Data Science

**MSD Pharmaceuticals Private Limited**

(A subsidiary of Merck Sharp & Dohme LLC, Rahway N.J., U.S.A.)

(CIN: U24230DL2004PTC164458)

Corporate Office : No. 225, 2<sup>nd</sup> Floor, Trade Centre Promises Co. Op., Society (14), BKC, Bandra East, Mumbai 400051

Work From Somewhere, Limited 7, 8 & 9, C-20, G Block, BKC, Bandra East, Mumbai - 400051

Regd. Office: 1544, Level 15, Essa Corporate Towers, Nehru Place, New Delhi - 110 015, India

T - 91 22 4788 8888 Email: [contactmedias@merck.com](mailto:contactmedias@merck.com)

**WELLS  
FARGO**

Wells Fargo International Solutions Private Ltd  
(Formerly Wells Fargo EGS (India) Private Ltd)  
Wells Fargo Center, Embassy Tech Village (SEZ),  
Devarabeesanahalli, Outer Ring Road,  
Varthur Hobli, Bengaluru -560103, India  
91 80 4397 4000, 91 80 4397 4100 (Fax)

**August 18, 2023**

**Intern Name: Aparna Ushir**

**Intern ID: 2142225**

**Re: Certificate of completion of Internship**

**Dear Aparna,**

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from June 19, 2023 till August 11, 2023 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact [Indiafinalsettlement@wellsfargo.com](mailto:Indiafinalsettlement@wellsfargo.com) if you have any questions on the exit process.

Please contact [WFIPvendorqueries@wellsfargo.com](mailto:WFIPvendorqueries@wellsfargo.com) for background verifications.

Sincerely,

**For Wells Fargo International Solutions Private Ltd**

**Durgesh Nagarkatte**

Vice President – HR





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"MOVIE AND TRAILER ANALYTICS"**

Submitted by

<b>SAI WANI</b>	<b>C22020111267</b>
<b>APARNA USHIR</b>	<b>C22020221462</b>
<b>VISHWA DERE</b>	<b>C22020881909</b>
<b>MRUNAL ROTE</b>	<b>C22020881946</b>

are the bonafide students of this institute and the work has been carried out by them under the supervision of **Dr. Chhaya Gosavi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**Dr. Chhaya Gosavi**

Guide,  
Department of Computer Engineering

**Dr. Sunita Jahirabadkar**

Head,  
Department of Computer Engineering

**Dr. M. B. Khambete**  
Principal

Cummins College of Engineering for Women, Pune - 52

Place : Pune

Date : 5/1/24





July 28, 2023

Internship Completion Letter

This is to confirm that **Bhaktee Bhagwat Ugale**, who is currently pursuing Bachelor of Technology – Computer Science and Engineering from **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Providence India from May 29, 2023, to July 28, 2023.

I wish **Bhaktee Bhagwat Ugale** every success for the future.

Best wishes,

A handwritten signature in black ink that reads "Nagraj Shriyan".

Nagraj Shriyan

Executive Director – Talent Acquisition



**To whomsoever it may concern**

This is to certify that **Uttarwar, Priyal** from MKSSS's Cummins College of Engineering for Women, was working with Dell Technologies for Internship Project.

Project Details	
Project Name	Kafka Health Check
Duration	03-Jul-2023 to 01-Sep-2023
Location	Bangalore
Reporting Manager Name	Sahoo, Gitanjali Nanda

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003



Rajd Off  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus IC,  
Satjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN - U72300KA2005PTC048089



SEZ Unit  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. - SEZ,  
Survey No 72/2/1, Kharadi, Pune - 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200

Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 01-Sep-2023, Shreya Amol Uttarwar successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Shreya Amol Uttarwar best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

### SCLP Visualisation Tool

Submitted by

STUDENT NAME:

CNo :

KOMAL VHANMANE

: C22020221471

SHREYA UTTARWAR

: C22020221464

DISHA BHOJE

: C22020881906

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Chhaya Gosavi** and **Prof. Rakhi Dongaonkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Computer Engineering,

  
(Prof. Chhaya Gosavi)

Guide

Department of Computer Engineering

  
(Dr. Sunila Jitirabadkar)

Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)

Director,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04/01/2024

August 18, 2023

To Whom It May Concern

This is to certify that Vaidehi Udupure has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30,2023 to August 07,2023. During the period of internship program, she completed 10 weeks of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)

Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 1-Sep-2023, Shruti Laxmikant Vaishnav successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Shruti Laxmikant Vaishnav best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*







Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"AYURVEDIC NAVIGATION SYSTEM FOR DIAGNOSIS OF SKIN AND HAIR DISEASES"**

Submitted by

SHRUTI VAISHNAV  
VANSHIKA RAINA  
SHRUTI DESHMUKH  
RUTUJA BURANDE

C22020221466  
C22020221305  
C22020441621  
C22020221908


is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Anjali Naik** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Anjali Naik)  
Guide

Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 4<sup>th</sup> January 2024

2020

Twenty Interior Design Software (India) Pvt Ltd  
*A Cyncly company*

12/1/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Vaishnavi Marne, has done her internship as Software Engineer Intern at Twenty Interior Design Software (I) Pvt Ltd., Pune from 1st July 2023 to 31st December 2023.

As Software Developer Intern , she learned ReactJS, TypeScript and C# quickly and started contributing to project within a short span.

Vaishnavi explored the WASM concept and studied the reusability of the desktop module in Web application. Vaishnavi is a quick learner, she also explored the concept of Web integration in Desktop by using Electron framework.

During her internship she has demonstrated her skills with self-motivation and learnt new skills.

We wish her all the best for her upcoming career.

Sincerely,



Madhura Kulkarni

Manager – HR



Regd. Office:  
Wells Fargo Centre, Building 1A,  
Divyasree NSL SEZ, Survey No. 66/1,  
Raidurga Village, Serilingampalli,  
Hyderabad, India - 500032  
91 40 4023 1000, 91 40 4023 1100 (Fax)  
CIN: U72200TG2006PTC051001

Wfindia.legal@wellsfargo.com

Wells Fargo International Solutions Private Ltd  
(Formerly Wells Fargo EGS (India) Private Ltd)  
Wells Fargo Center, Embassy Tech Village (SEZ),  
Devarabeesanahalli, Outer Ring Road,  
Varthur Hobli, Bengaluru -560103, India  
91 80 4397 4000, 91 80 4397 4100 (Fax)

**August 18, 2023**

**Intern Name: Vaishnavi Gaikwad**

**Intern ID: 2142377**

**Re: Certificate of completion of Internship**

**Dear Vaishnavi,**

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from June 19, 2023 till August 11, 2023 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact [Indiafinalsettlement@wellsfargo.com](mailto:Indiafinalsettlement@wellsfargo.com) if you have any questions on the exit process.

Please contact [WFIPvendorqueries@wellsfargo.com](mailto:WFIPvendorqueries@wellsfargo.com) for background verifications.

Sincerely,

**For Wells Fargo International Solutions Private Ltd**

**Durgesh Nagarkatte**

Vice President – HR





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

### VOICE-ACTIVATED COGNITIVE ANALYSIS INTERFACE

Submitted by

SAUMYA THAKUR

NIDHI MALPANI

VAISHNAVI GAIKWAD

SHREYAL GEDDAM

C22020221442

C22020221413

C22020221468

C22020221452

STUDENT NAME:

C NUMBER:

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Sandhya Arora** and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University), for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Dr. Sandhya Arora)

Guide,

Department of Computer Engineering

(Dr. S. A. Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal.

Cummins College of Engineering for Women, Pune – 52

Place: Pune

Date: 05/01/24



Novartis Healthcare Pvt. Ltd.  
Salarpuria Sattva, Sy. No. 83/1, Plot No.  
2, Rayadurg Panmaktha Village,  
Serilingampally (Mandal),  
RR (Dist), Hyderabad - 500081  
Telangana, India  
Tel: +91 40 6758 2000  
Website: [www.novartis.com](http://www.novartis.com)  
**CIN - U15202MH1997PTC111257**

Date: 15.12.2023

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Ms. Vaishnavi Mundada** undergoing B.Tech from “**Cummins College of Engineering for Women, Pune**” has successfully completed her internship at Novartis as per her curriculum requirement from 04.07.2023 to 15.12.2023

During her internship, she was exposed to the various aspects of “**Process automation using Python/ Power automate platform**” in “**Development - ARD**” function.

She was found to be sincere and hardworking during her tenure here.

Her association with us was extremely fruitful and we wish her all the best for her future endeavours.

**For Novartis Healthcare Private Limited.**

DocuSigned by:  
  
3F6CFB98B4914A2...

**Authorized Signatory**

November 30, 2023

To Whom It May Concern

This is to certify that Vidhi Vaswani has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)

JPMC Employee ID: I800055

3 August 2023

To Whom It May Concern

Dear Sir/Madam,

**Re: Ms Komal Vhanmane - Confirmation of Employment Details**

This letter is to certify the below details for Ms Komal Vhanmane, PAN CDMPV1371G

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Corporate & Investment Bank

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact [referencing\\_team@jpmchase.com](mailto:referencing_team@jpmchase.com).

Yours faithfully,



Siddharth Taneja  
Vice President  
Human Resources





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

### SCLP Visualisation Tool

Submitted by

STUDENT NAME:

CNo :

KOMAL VHANMANE

:

C22020221471

SHREYA UTTARWAR

:

C22020221464

DISHA BHOJE

:

C22020881906

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Chhaya Gosavi** and **Prof. Rakhi Dongaonkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Computer Engineering,

  
(Prof. Chhaya Gosavi)

Guide

Department of Computer Engineering

  
(Dr. Sunila Jitirabdkar)

Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)

Director,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04/01/2024



**DealsNow Consumer Solutions Pvt. Ltd.**  
Golden Square Business Center,  
53/A, 16 C Main Road, Koramangala 4th Block,  
Bangalore-560034, Karnataka

## **Internship Completion**

We are glad to inform you that **Snehal Wanekar** has completed her internship at HiFives from **5 September 2023** to **24 December 2023**.

During her internship, she was exposed to the various activities in the **PhonePe Pulse data visualization** project

We found her very curious and hard-working. She was very interested in learning the functions of our core division and willing to put her best efforts into the depth of the subject to understand it better.

Her association with us was very fruitful and we wish her all the best for her future endeavours.

Sincerely,  
On behalf of DealsNow Consumer Solutions Private Limited

A handwritten signature in black ink, appearing to read 'Sagar Chaudhuri', is written over a light grey rectangular background.

Sagar Chaudhuri,  
CEO

**Human Resources**

**Registered Office**

8th, 7th Floor, Nirlon Knowledge Park,  
Goregaon (East), Mumbai - 400063  
CIN No: U72900MH2009FTCL19293B

T +91 22 6175 7999

F +91 22 2653 2215

Email: csii@citi.com

**Citicorp Services India Private Limited**



01 September 2023

Yashvi Gajadhar Bhutada  
MKSSS Cummins College of Engg for Women

Dear Yashvi,

This is to certify that you were engaged in an internship program with Citicorp Services India Private Limited, from 29/05/2023 to 21/07/2023.

During the internship, you have successfully completed the following projects:

Project Title: Decoupling Functionality and Deploying on openshift

Project Guide: Dhaval Kishor Thakkar

Designation: Intern, ICG Tech

Location: Pune

We wish you all the best for your future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bilal".

Bilal Ahmed Shaikh  
Senior Vice President  
Human Resources

November 30, 2023

To Whom It May Concern

This is to certify that Chinmayee Yeladi has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)



**Office:** B-204, second floor, Teerth Technospace, Bangalore Mumbai highway, beside Mercedes Benz Showroom, Baner, Pune- 411045, India.

**Email:** [hr@kriosispl.com](mailto:hr@kriosispl.com),

**Phone:** 9545610049

**Website:** [www.kriosispl.com](http://www.kriosispl.com)

Date:- 04<sup>th</sup> August 2023

To,

Ms. Rutuja Yeola,

This is to certify that Ms. Rutuja Yeola has completed her 2 months of internship with Krios Info solution Pvt. Ltd from 03<sup>rd</sup> July 2023 to 01<sup>st</sup> September 2023.

She worked under the direct supervision of her Reporting Manager and got opportunities to work and proved herself. She is fast learner and learned our operation system and organizational culture quickly.

We wish her the best of luck for all her future endeavors.

**Yours Sincerely,**

**For Krios Info Solutions Pvt. Ltd**

## **Authorized Signatory**

**Krios Info solutions Pvt. Ltd.**  
B-204 Teerth Technospace,  
Mumbai Bangalore Highway,  
Baner, Pune 411045

**Regd. office:**  
Flat No. 4, Geeta Laxmi Apartment,  
Geeta Nagar, Mhasrul, Nashik 422003

[Info@kriosispl.com](mailto:Info@kriosispl.com)  
[www.kriosispl.com](http://www.kriosispl.com)



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Dhanashree Santosh Shinde**

**Unique ID: 002052643**

This is to certify that **Dhanashree Santosh Shinde D/o Santosh Shivaji Shinde** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"VIRTUAL REALITY SIMULATION FOR DHATU POSHAN IN AYURVEDA"**

Submitted by

**SAMRUDDHI SANJAY NANDGUDE**

**CNUM: C22021222404**

**SNEHAL SUNIL KALE**

**CNUM : C22021222402**

**DHANASHREE SANTOSH SHINDE**

**CNUM : C22021222401**

Is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Neeta Maitre** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**(Dr. Neeta Maitre)**

Guide

Department of Computer Engineering

**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 04/01/2024





**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Snehal Sunil Kale**

**Unique ID: 002052545**

This is to certify that **Snehal Sunil Kale D/o Sunil Yogiraj Kale** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"VIRTUAL REALITY SIMULATION FOR DHATU POSHAN IN AYURVEDA"**

Submitted by

**SAMRUDDHI SANJAY NANDGUDE**

**CNUM: C22021222404**

**SNEHAL SUNIL KALE**

**CNUM : C22021222402**

**DHANASHREE SANTOSH SHINDE**

**CNUM : C22021222401**

Is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Neeta Maitre** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**(Dr. Neeta Maitre)**

Guide

Department of Computer Engineering

**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 04/01/2024



HR-SSC/04-01-2023/528255

04 January 2024

To Whom It May Concern,

This is to certify that **Ms. Sanskruti Dandekar**, student of “**Cummins College of Engineering for Women, Pune**” has successfully completed her internship in “**IT APP Developments**” under the guidance of **Mr. Ranjeet Singh** at **Tata Communications Transformation Services Limited** from **26 June 2023** to **26 December 2023**.

She was found to be sincere and hardworking during her tenure.

We wish her success in all her future endeavours.

The above information is correct as per our company records as on the date of this letter issued. For any questions, please contact us at [AskHR@tatacommunications.com](mailto:AskHR@tatacommunications.com)

For Tata Communications Transformation Services Limited,

A handwritten signature in black ink that reads 'Vaibhav Kaul'.

**Vaibhav Kaul**  
**General Manager-HRSSC**

*Note: This is an electronically signed document.*

**TATA COMMUNICATIONS**

Tata Communications Transformation Services Limited  
Regd. Office: Plot No.C-21 & C-36, G-Block, Bandra-Kurla Complex, Mumbai 400098.  
Tel 91 22 66591113 Fax 91 22 6691 0128 email: [askhr@tatacommunications.com](mailto:askhr@tatacommunications.com)  
CIN No. U93090MH2006PLC165083 website : [tatacommunications-ts.com](http://tatacommunications-ts.com)



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Samruddhi Sanjay Nandgude**

**Unique ID: 002052644**

This is to certify that **Samruddhi Sanjay Nandgude D/o Sanjay Mohan Nandgude** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"VIRTUAL REALITY SIMULATION FOR DHATU POSHAN IN AYURVEDA"**

Submitted by

**SAMRUDDHI SANJAY NANDGUDE**

**CNUM: C22021222404**

**SNEHAL SUNIL KALE**

**CNUM : C22021222402**

**DHANASHREE SANTOSH SHINDE**

**CNUM : C22021222401**

Is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Neeta Maitre** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**(Dr. Neeta Maitre)**

Guide

Department of Computer Engineering

**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 04/01/2024



Oracle India Pvt. Ltd.  
India Development Center

Oracle Technology Park  
3, Bannerghatta Park  
Bangaluru - 560 029

CIN: U74899DL1993PTC051764  
Phone +91 80 4107 0000  
Fax +91 80 2552 6124

***Private & Confidential***

Ref: Oracle-Interns- 1794483

10<sup>th</sup> Oct 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Tejal Wakchaure, student of Cummins College of Engineering for Women's, Pune (Pursuing BE/B.Tech) has completed her project with Oracle India Private Limited.

The project was undertaken from 14-Jun-2023 to 08-Aug-2023. She worked on "HeatWave SystemQA tests refactoring and development for HCS"

We wish her all the best in her future endeavours.

Yours sincerely  
For Oracle India Private Limited.

**Rambabu Jagatha**  
**Director – HR Operations**



**HR-SSC/04-01-2024/528255**

**04 January 2024**

**To Whom It May Concern,**

This is to certify that **Ms. Ankita Bhande**, student of “**Mksss’s Cummins College of Engineering For Women, Pune.**” has successfully completed her internship in “**IT APP Developments**” under the guidance of **Mr. Ranjeet Singh** at **Tata Communications Transformation Services Limited** from **26 June 2023** to **26 December 2023**.

She was found to be sincere and hardworking during her tenure.

We wish her success in all her future endeavours.

The above information is correct as per our company records as on the date of this letter issued. For any questions, please contact us at [AskHR@tatacommunications.com](mailto:AskHR@tatacommunications.com)

**For Tata Communications Transformation Services Limited,**

A handwritten signature in black ink that reads 'Vaibhav Kaul'.

**Vaibhav Kaul**  
**General Manager-HRSSC**

*Note: This is an electronically signed document.*

**TATA COMMUNICATIONS**

Tata Communications Transformation Services Limited  
Regd. Office: Plot No.C-21 & C-36, G-Block, Bandra-Kurla Complex, Mumbai 400098.  
Tel 91 22 66591113 Fax 91 22 6691 0128 email: [askhr@tatacommunications.com](mailto:askhr@tatacommunications.com)  
CIN No. U93090MH2006PLC165083 website : [tatacommunications-ts.com](http://tatacommunications-ts.com)





**Office Address:** 02<sup>nd</sup> Floor, SM Tower, Near Domino's ,  
Karvenagar, Pune-411 052, MH, India

**Email:** hr@webcrypttechnology.com

**Website:** www.webcrypttechnology.com

---

## EXPERIENCE LETTER

**Ref:** WEBCRYPT/INT/WCT526/2023

**Date:** 09<sup>th</sup> December 2023.

**Name-** Ms. Pramodini Girgaonkar

**Employee ID:** WCT526

This is to certify that **Ms. Pramodini Girgaonkar** has worked with us from **10<sup>th</sup> August 2023 to 09<sup>th</sup> December 2023**. At the time of leaving **Web Crypt Technology Pune**, she was designated as **Software Developer-Intern**.

She has resigned from the services of the company on her own accord. Pursuant to her resignation, she is relieved from the company's services w.e.f. **09<sup>th</sup> December 2023** instant.

We wish her success in all future endeavors.

**For Web Crypt Technology**

**Authorized Signatory**



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Pramodini Nagnath Girgaonkar**

**Unique ID: 002052642**

This is to certify that **Pramodini Nagnath Girgaonkar D/o Varsha Digambar Asore** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



**Office Address:** 02<sup>nd</sup> Floor, SM Tower, Near Domino's ,  
Karvenagar, Pune-411 052, MH, India

**Email:** hr@webcrypttechnology.com

**Website:** www.webcrypttechnology.com

---

## EXPERIENCE LETTER

**Ref:** WEBCRYPT/INT/WCT526/2023

**Date:** 09<sup>th</sup> December 2023.

**Name-** Ms. Pramodini Girgaonkar

**Employee ID:** WCT526

This is to certify that **Ms. Pramodini Girgaonkar** has worked with us from **10<sup>th</sup> August 2023 to 09<sup>th</sup> December 2023**. At the time of leaving **Web Crypt Technology Pune**, she was designated as **Software Developer-Intern**.

She has resigned from the services of the company on her own accord. Pursuant to her resignation, she is relieved from the company's services w.e.f. **09<sup>th</sup> December 2023** instant.

We wish her success in all future endeavors.

**For Web Crypt Technology**

**Authorized Signatory**



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Pramodini Nagnath Girgaonkar**

**Unique ID: 002052642**

This is to certify that **Pramodini Nagnath Girgaonkar D/o Varsha Digambar Asore** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Ref: **HR/IC/12/23/AM**

Date: December 15, 2023.

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms Arti Musale** has successfully completed his/her (Non Paid) Internship project work at Xoriant Solutions Pvt. Ltd. from **June 19, 2023** to **December 15, 2023**, under the guidance of Archana Patil (Employee Id :- X3834).

During his/her course of internship, **Ms Arti Musale** worked hard, displayed sincerity and an innate desire to learn. His/Her conduct and attendance were good throughout this tenure.

We wish him/her all the best in his/her future endeavors.

Yours faithfully,

For Xoriant Solutions Private Limited

A handwritten signature in black ink that reads 'Vaishali Walimbe' with a horizontal line underneath and two dots below the line.

**Vaishali Walimbe**

**Director – Recruitments**

2020

Twenty Interior Design Software (India) Pvt Ltd  
*A Cyncly company*

15/1/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Jyotika Shinde, has done her internship as Software Engineer Intern at Twenty Interior Design Software (I) Pvt Ltd., Pune from 1st July 2023 to 31st December 2023.

During her internship, Ms. Jyotika Shinde demonstrated exceptional dedication and enthusiasm for learning. She underwent rigorous training on React, ASP.NET MVC, C#, MongoDB, and Azure Fundamentals.

Ms. Jyotika Shinde successfully completed multiple tasks, showcasing her proficiency in React and front-end technologies. Her ability to utilize JavaScript, HTML5, SCSS, TypeScript, and React to enhance the application's functionality and user experience was particularly noteworthy. Her self-motivation and eagerness to learn were evident throughout the internship period. Ms. Shinde's commitment to acquiring new skills and applying them to the Ideal Spaces 7 project reflects her dedication to professional growth.

We are confident of Ms. Jyotika Shinde's bright future and continued success in her professional journey. We wish her all the best for her upcoming career.

Sincerely,



Madhura Kulkarni

Manager – HR

**To Whomsoever It May Concern**

Date: January 08, 2024

Dear Ms. Kanchan Sabale,

This is to certify that Ms. Kanchan Sabale has done her internship as an Intern at Heera Software Pvt Ltd, Pune, from July 10, 2023, to January 08, 2024.

She has worked on the following projects:

**Projects:**

1. ABL
2. KCL

**Tools:**

3. DevOps- Project Management tool (test cases and defect tracking)
4. Microsoft Teams – Collaboration and Communication,
5. Postman – API Testing
6. Selenium – Automation Testing
7. JMeter – Performance Testing
8. MongoDB and Microsoft SQL- Database Testing
9. Manual Testing -
  - i. Different Types of Testing
  - ii. Testcases Creation
  - iii. Test Execution
  - iv. Defect Identification
  - v. Test Documentation
  - vi. Test Reporting

During her internship, she demonstrated her skills with self-motivation to learn new skills. Her performance exceeded our expectations, and she was able to complete the project on time.

We wish her all the best for her upcoming career. Yours faithfully,

For. Heera Software Pvt Ltd.

  
Ms. Sonali Salave

HR Manager

Date: 08.01.2024



Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 1-Sep-2023, Sakshi Satish Agrawal successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Sakshi Satish Agrawal best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"SKIN DISEASE PREDICTOR AND ANALYZER FOR EARLY DETECTION AND WARNINGS"**

Submitted by

<b>STUDENT NAME</b>	<b>CNUM:</b>
SEJAL SANAP	C22020221440
SAMRUDDHI SAWANT	C22020221445
SAKSHI AGRAWAL	C22020881901

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Neeta Maitre** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Dr. Neeta Maitre)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date :

CCEW, Department of Computer Engineering 2023-24

Microsoft India (R&D) Pvt. Ltd  
Bagmane Capital Campus  
4-8th floor, Luxor North Tower  
Mahadevapura Village, KR Puram Hobli  
Bengaluru East Taluk – 560048, Karnataka, India

Tel + 91-80-61772000  
<http://www.microsoft.com/india>



21-Jul-23

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Alefiya Mustafa Dawasaz** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Suryakant Gokhale (Sugokhal) and Durgesh Kumar (Dukum).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink, appearing to read "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink, appearing to read "Alefiya Mustafa Dawasaz".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**



**To whomsoever it may concern**

This is to certify that **Ambekar, Isha** from MKSSS's Cummins College of Engineering for Women, was working with Dell Technologies for Internship Project.

Project Details	
Project Name	Kafka Health Check
Duration	03-Jul-2023 to 01-Sep-2023
Location	Bangalore
Reporting Manager Name	Sahoo, Gitanjali Nanda

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003



Microsoft India (R&D) Pvt. Ltd  
Bagmane Capital Campus  
4-8th floor, Luxor North Tower  
Mahadevapura Village, KR Puram Hobli  
Bengaluru East Taluk – 560048, Karnataka, India

Tel + 91-80-61772000  
<http://www.microsoft.com/india>



**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Spoorti Aparanji** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Akshay Ranjan (Akshayranjan) and Sakshi Katkar (Sakshikatkar).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE


This is to certify that the project report entitled

### VISUALIZATION OF CONTEXT SENSITIVE DEF-USE EDGES

Submitted by

SONAKSHI GOYAL CNUM: C22020221454 ROLL NO: 4453  
SPOORTI APARANJI CNUM: C22020881904 ROLL NO: 4904  
DIVYA GANESHI CNUM: C22020221337 ROLL NO: 4337  
SIDDHI KOTTAWAR CNUM: C22020881927 ROLL NO: 4926

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Chhaya Gosavi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**Dr. Chhaya Gosavi**  
Internal Guide,  
Department of Computer  
Engineering

  
**Dr. Sunita Jahirabadkar**  
Head,  
Department of Computer  
Engineering

  
**(Dr. M. B. Khambete)**  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune  
Date : 11/11/23



# CERTIFICATE

- OF INTERNSHIP -

This Certificate is presented to

**MS. ANUSHKA ASHTEKAR**

student of **Cummins College** for successfully completing  
the internship with **KRA Jewellers** from  
1 July 2023 to 2 January 2024.

- 03 Jan 2024 -  
Date



[www.krajewellers.com](http://www.krajewellers.com)

  
Pritam Kajale  
HR Manager

August 18, 2023

To Whom It May Concern

This is to certify that Disha Bhoje has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30,2023 to August 07,2023. During the period of internship program, she completed 10 weeks of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

### SCLP Visualisation Tool

Submitted by

STUDENT NAME:

CNo :

KOMAL VHANMANE

: C22020221471

SHREYA UTTARWAR

: C22020221464

DISHA BHOJE

: C22020881906

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Chhaya Gosavi** and **Prof. Rakhi Dongaonkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of Bachelor of Computer Engineering,

  
(Prof. Chhaya Gosavi)

Guide

Department of Computer Engineering

  
(Dr. Sunila Jitirabadkar)

Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)

Director,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 04/01/2024

Microsoft India (R&D) Pvt. Ltd  
Bagmane Capital Campus  
4-8th floor, Luxor North Tower  
Mahadevapura Village, KR Puram Hobli  
Bengaluru East Taluk – 560048, Karnataka, India



Tel + 91-80-61772000  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Tanvi Bhosale** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Rahul Rajwanshi (Rahulraj) and Anmol Bhatia (Anbhat).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE


This is to certify that the project report entitled  
**"AI-DRIVEN FILE SYSTEM PERFORMANCE OPTIMIZATION"**

Submitted by


TANVI BHOSALE  
SAYALI DESHMUKH  
SHRIYA DESHPANDE  
AISHWARYA MULEY

C22020881907  
C22020881910  
C22020881912  
C22020881930

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Shilpa Deshpande** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Shilpa Deshpande)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune - 52

Place : Pune

Date: 4/3/2024



BNY Mellon Technology Private Limited  
CIN:U72900TN2000PTC044462

T+91 44-4547 0000

**Registered Office:**  
Ground Floor, Coral Block 3,  
Embassy Splendid Tech Zone,  
181/1B3, Pallavaram Thoraipakkam Radial Road,  
Pallavaram, Chennai – 600 043

August 18, 2023

To Whom It May Concern

This is to certify that Rutuja Burande has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30,2023 to August 07,2023. During the period of internship program, she completed 10 weeks of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"AYURVEDIC NAVIGATION SYSTEM FOR DIAGNOSIS OF SKIN AND HAIR DISEASES"**

Submitted by

SHRUTI VAISHNAV  
VANSHIKA RAINA  
SHRUTI DESHMUKH  
RUTUJA BURANDE

C22020221466  
C22020221305  
C22020441621  
C22020221908


is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Anjali Naik** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Anjali Naik)  
Guide

Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 4<sup>th</sup> January 2024





July 31

**EXPERIENCE CERTIFICATE**

**To Whom It May Concern**

This is to certify that Ms. Vishwa Dere (Employee Code: 150823) was working in our organization from 22 May 2023 to 21 July 2023. She was working as Summer Intern and drawing an annual salary of Rs 480,000.00 /- at the time of relieving.

Vishwa has been relieved from the services of Mastercard Technology Private Limited, with the closing hours of business on 21 July 2023.

We wish her all the best in her future endeavors.

Yours faithfully,

A handwritten signature in blue ink, appearing to read "D. A. Singh", is positioned to the left of a circular official stamp. The stamp is purple and contains the text "HR SERVICES" and "MTC" in the center, surrounded by a decorative border.

For: Mastercard Technology Private Limited

[People\\_services@mastercard.com](mailto:People_services@mastercard.com)

Global Business Services Centre - HR Services



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"MOVIE AND TRAILER ANALYTICS"**

Submitted by

SAI WANI	C22020111267
APARNA USHIR	C22020221462
VISHWA DERE	C22020881909
MRUNAL ROTE	C22020881946

are the bonafide students of this institute and the work has been carried out by them under the supervision of **Dr. Chhaya Gosavi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**Dr. Chhaya Gosavi**

Guide,  
Department of Computer Engineering

**Dr. Sunita Jahirabadkar**

Head,  
Department of Computer Engineering

**Dr. M. B. Khambete**  
Principal

Cummins College of Engineering for Women, Pune - 52

Place : Pune

Date : 5/1/24



July 28, 2023

Internship Completion Letter

This is to confirm that **Sayali Yogesh Deshmukh**, who is currently pursuing Bachelor of Technology – Computer Engineering from **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Providence India from May 29, 2023, to July 28, 2023.

I wish **Sayali Yogesh Deshmukh** every success for the future.

Best wishes,

A handwritten signature in black ink that reads "Nagraj Shriyan".

Nagraj Shriyan

Executive Director – Talent Acquisition



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE


This is to certify that the project report entitled  
**"AI-DRIVEN FILE SYSTEM PERFORMANCE OPTIMIZATION"**

Submitted by


TANVI BHOSALE  
SAYALI DESHMUKH  
SHRIYA DESHPANDE  
AISHWARYA MULEY

C22020881907  
C22020881910  
C22020881912  
C22020881930

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Shilpa Deshpande** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Shilpa Deshpande)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune - 52

Place : Pune

Date: 4/3/2024

November 30, 2023

To Whom It May Concern

This is to certify that Siddhi Deshmukh has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)

Microsoft India (R&D) Pvt. Ltd  
Prestige Ferns Galaxy  
Survey No, 7/1, 7/2 & 8/1A  
Ambalipura Village, Varthur Hobli  
Outer Ring Road, Bengaluru 560103



Tel + 91-80-61772000  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Shriya Deshpande** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Paramdeep Kour (Pkour) and Sanath Udyavar (Sanathu).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE


This is to certify that the project report entitled  
**"AI-DRIVEN FILE SYSTEM PERFORMANCE OPTIMIZATION"**

Submitted by


TANVI BHOSALE  
SAYALI DESHMUKH  
SHRIYA DESHPANDE  
AISHWARYA MULEY

C22020881907  
C22020881910  
C22020881912  
C22020881930

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Shilpa Deshpande** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Shilpa Deshpande)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 4/3/2024



**Nomura Services India Private Limited**

Winchester – 10<sup>th</sup> Floor, Powai Business District, Powai,  
Mumbai - 400 076, India

**Telephone** +91 22 3053 4626

**Facsimile** +91 22 3053 2111

**Website** [www.nomura.com](http://www.nomura.com)

03 January 2024

**Internship Completion Letter**

This is to certify that Rutvika Sadanand Dhande, a student of MKSSS's Cummins College of Engineering for Women, Pune has completed an internship with the Instinet IT division of Nomura Services India Private Limited ("the firm"). The internship started on 10 July 2023 and ended on 29 December 2023.

The provision of the above information does not imply any comment, negative or positive, about the intern or the course of internship with the firm.

The information provided therein is given in strict confidence and without liability or responsibility on behalf of either the firm or the writer.

We wish her the best in her future career.

Sincerely,

Reshma Khanna  
Executive Director - Human Resources



सत्यमेव जयते

भारत सरकार

Government of India

भाभा परमाणु अनुसंधान केंद्र

BHABHA ATOMIC RESEARCH CENTRE

कंप्यूटर प्रभाग / Computer Division

सुपर कंप्यूटिंग सुविधा भवन,  
ट्रॉम्बे, मुंबई - 400 085, भारत  
Super Computing Facility Building,  
Trombay, Mumbai 400 085, India

दूरभाष / Tel : +91-22-2559 2401  
+91-22-2559 2405  
फैक्स / Fax : +91-22-2550 5151

संदर्भ : भापअ केंद्र / कंप्यू / 2023 / 314

Date : December 7<sup>th</sup>, 2023

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि एमकेएसएसएसएस कमिंस कॉलेज ऑफ इंजीनियरिंग फॉर वुमेन, पुणे, की विद्यार्थी सुश्री गौरिका गुप्ता दिनांक 10/08/2023 से 07/12/2023 तक इस प्रभाग में प्रशिक्षणरत थी।

This is to certify that Ms. Gaurika Gupta a student from MKSSS Cummins College of Engineering for Women, Pune has undergone practical training in this Division from 10/08/2023 to 07/12/2023.

प्रशिक्षण की अवधि के दौरान उन्होंने निम्नलिखित तकनीकी परियोजना का कार्य किया।

During the period of training, She has performed the following technical project works:-

Design and Development of a cutting-edge Retrieval Augmented Generation based private data interactive Question & Answering System and achieving state-of-the art performance on FACAD for Fashion Captioning.

During the training period, her performance was

1) Satisfactory 2) Fair 3) ~~Good~~ 4) ~~Very Good~~ 5) ~~Excellent~~ 6) Outstanding



( के. राजेश / K. Rajesh )

उत्कृष्ट वैज्ञानिक एवं अध्यक्ष / कंप्यूटर प्रभाग

Outstanding Scientist & Head, Computer Division

अध्यक्ष, संगणक प्रभाग / Head, Computer Division

भारत सरकार / Government of India

भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre

ट्रॉम्बे, मुंबई - 85 / Trombay, Mumbai - 85.

The Principal,  
MKSSS Cummins College of  
Engineering for Women  
Pune 411052

प्रति - अध्यक्ष, मानव संसाधन विकास प्रभाग, अणुशक्तिनगर, मुंबई - 94.

Copy to : Head, HRDD, Anushaktinagar, Mumbai - 94.

JPMC Employee ID: F741027

2 August 2023

To Whom It May Concern

Dear Sir/Madam,

**Re: Ms Gaurika Gupta - Confirmation of Employment Details**

This letter is to certify the below details for Ms Gaurika Gupta, PAN DJIPG1267F

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Asset & Wealth Management

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact [referencing\\_team@jpmchase.com](mailto:referencing_team@jpmchase.com).

Yours faithfully,



Siddharth Taneja  
Vice President  
Human Resources



## CERTIFICATE

This is to certify that the project report entitled  
"TOUR WORLD - WEB DEVELOPMENT PROJECT"

Submitted by  
**SEJAL GAVHANE**  
**SAUMYA SINGH**  
**TEJASHREE GAVHANE**  
**SHRADHA GOSWAMI**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Jyoti Bangare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Jyoti Bangare)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune -52

**Human Resources**

**Registered Office**

B6, 7th Floor, Nirion Knowledge Park,  
Goregaon (East), Mumbai – 400063  
CIN No: U72900MH2009FTC192938

T +91 22 6175 7999

F +91 22 2653 2215

Email:csil@citi.com

**Citicorp Services India Private Limited**



01 September 2023

Prerana Jaywant Ghorpade  
MKSSS Cummins College of Engg for Women

Dear Prerana,

This is to certify that you were engaged in an internship program with Citicorp Services India Private Limited, from 29/05/2023 to 21/07/2023.

During the internship, you have successfully completed the following projects:

Project Title: Real time performance monitoring system ( AppTrace)

Project Guide: Raul Dsouza  
Designation: Intern, ICG Tech  
Location: Pune

We wish you all the best for your future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bilal". The signature is stylized and cursive.

Bilal Ahmed Shaikh  
Senior Vice President  
Human Resources

2020

Twenty Interior Design Software (India) Pvt Ltd  
*A Cyncly company*

12/1/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss Harshini Vijaykumar, has done her internship as Software Engineer Intern at Twenty Interior Design Software (I) Pvt Ltd., Pune from 1st July 2023 to 31st Dec 2023.

As Software Developer Intern, her role evolved from resolving small bugs to undertaking more intricate and challenging tasks. This progression significantly boosted her confidence and imparted valuable technical and communication skills. Overall, she did good in her internship tenure.

Accomplishments in Frontend Development involve mastering React and utilizing 'DevExtreme' to design and implement dynamic UI components, such as enabling specific groups/users access to static components (e.g., incorporating a GST column in transaction displays) and integrating backend adjustments for efficient responses (e.g., filtering denied tasks in advanced search).

In Backend Development, she successfully crafted endpoints using controllers, providers, and interfaces in .NET, specifically for tasks like Journal Batch Entry. Her responsibilities also included rigorous testing of API responses in Swagger to ensure accurate data retrieval. Furthermore, she maintained smooth communication channels between frontend and backend components, ensuring a cohesive and responsive system.

We wish her all the best for her upcoming career.

Sincerely,



Madhura Kulkarni

Manager – HR





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"BLOCKCHAIN CROWDFUNDING AND STARTUP ACCELERATOR"**

Submitted by

VAISHNAVI KALE	C22020881923
SHREYA JADHAV	C22020881918
SHRUTI SHENDE	C22020881448
SAWARI SHINDE	C22020881450

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Prakash Dale** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Prakash Dale)  
Guide  
Department of Computer Engineering

  
(Dr. Sunil Dahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date



## Project Completion Certificate

12<sup>th</sup> December 2023

Dear **Sumedha Jadhav**,

Congratulations on completing your internship at Eaton.

This is to certify that **Miss. Sumedha Jadhav**, a **Computer Science Engineering Undergraduate** from **Cummins**, has successfully completed her internship from **05-June-2023 to 12-Dec-2023**, at Eaton India Innovation Center.

Your efforts at Eaton are appreciated and will help enhance our organization's processes. We hope that your time here has been both challenging & enjoyable and that your needs have been met.

We certify the completion of your project "**BSC (Balanced Score Card)**" under the guidance of **Mr. AjayKumar Patri**.

We wish you all the best for your future endeavors.

Warm Regards,

**Eaton India Innovation Center**

  
**Firaz Master**  
**Manager HR**



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Samiksha Devarshay Joglekar**

**Unique ID: 002052550**

This is to certify that **Samiksha Devarshay Joglekar D/o Devarshay Yeshwant Joglekar** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Karve Stree Shiksha Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitles

**"DOCUHEDGE": DOCUMENT MANAGEMENT  
SYSTEM FOR CORPORATE USERS**

Submitted by

STUDENT NAME

CNUMBER

Samiksha Joglekar

C22020881921

Janhavi Nalwadey

C22020881933

Janhavi Patil

C22020881937

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Aparna Hajare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology** (Computer Engineering).

(Prof. Aparna Hajare)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M.B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 9/02/2024

H

**WELLS  
FARGO**

Wells Fargo International Solutions Private Ltd  
(Formerly Wells Fargo EGS (India) Private Ltd)  
Wells Fargo Center, Embassy Tech Village (SEZ),  
Devarabeesanahalli, Outer Ring Road,  
Varthur Hobli, Bengaluru -560103, India  
91 80 4397 4000, 91 80 4397 4100 (Fax)

**August 18, 2023**

**Intern Name: Karuna Kadam**

**Intern ID: 2143196**

**Re: Certificate of completion of Internship**

**Dear Karuna,**

This is to certify that you have successfully completed the internship and project assigned to you during the period starting from June 19, 2023 till August 11, 2023 ("Internship Duration"). Pursuant to completion of Internship Duration, we hereby relieve you from duties assigned to you, except those of confidentiality obligations agreed during your Internship Duration, after close of working hours of LWD.

We request you to kindly note that our commitment to relieve you is subject to you completing the exit formalities per the company policy.

We wish you the very best in your career.

Please contact [Indiafinalsettlement@wellsfargo.com](mailto:Indiafinalsettlement@wellsfargo.com) if you have any questions on the exit process.

Please contact [WFIPvendorqueries@wellsfargo.com](mailto:WFIPvendorqueries@wellsfargo.com) for background verifications.

Sincerely,

**For Wells Fargo International Solutions Private Ltd**

**Durgesh Nagarkatte**

Vice President – HR





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"BLOCKCHAIN CROWDFUNDING AND STARTUP ACCELERATOR"**

Submitted by

VAISHNAVI KALE	C22020881923
SHREYA JADHAV	C22020881918
SHRUTI SHENDE	C22020881448
SAWARI SHINDE	C22020881450

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Prakash Dale** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Prakash Dale)  
Guide  
Department of Computer Engineering

  
(Dr. Sunil Dahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date



Boeing India Private Limited  
Registered Office: 3rd Floor, DLF Centre,  
Sansad Marg,  
New Delhi 110001 India

---

**October 17, 2023**

**To Whom So Ever It May Concern**

This is to certify that Ms. Akanksha Bhumanna Kasrewar has done internship with Boeing India Private Limited (A subsidiary of The Boeing Company) from July 03, 2023 to September 01, 2023. During this period, she worked as Intern - Student Engineer and has completed the assigned tasks with great satisfaction.

We wish Ms. Akanksha Bhumanna Kasrewar the best in her future endeavors.

For Boeing India Private Limited

---

**Authorized Signatory**

## CERTIFICATE

This is to certify that the project report entitled

**"HANDWRITTEN MODI LIPI CHARACTER RECOGNITION USING ML"**

Submitted by

RUTUJA ATUL KESKAR	C22020221370
ADITI AMAR NAIK	C22020881932
AKANKSHA KASREWAR	C22020881924
KHUSHI JAGETIA	C22020221357

Is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Sakshi Mandke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Sakshi Mandke)  
Guide  
Department of Computer Engineering

  
(Dr. S.A Jahirabadkar)  
Head  
Department of Computer Engineering

(Dr. M.B. Khambete)  
Principal,  
Cummins College of Engineering Women Pune-52

Place: Pune  
Date: 03-01-2024



**November 28, 2023**

## **CERTIFICATE**

This to certify that **Prajakta Rajendra Khandait** has successfully completed her tenure as an **Intern** in **SC Data Analytics** from **July 03, 2023 to October 31, 2023**.

Her project was '**Global Supply Chain Data Analytics Business Insights, Digitization & Automation**'.

During this tenure, she has shown keen interest to learn, and we are happy to share that she has done a commendable job in her project.

We wish her a very bright and rewarding career.

**Yours Sincerely,**



**Sherry Thomas Mathew**

**Director Human Resources**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**"HEALTHIFY – AN ANDROID APP"**

Submitted by

**ASHWINI BARASKAR**

CNUM : C22020221317

**AARTI JADHAV**

CNUM : C22020221355

**PRAJAKTA KHANDAIT**

CNUM : C22020881925

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Simantinee Kulkarni** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**(Prof. Simantinee Kulkarni)**

Guide,

Department of Computer Engineering

**(Dr. Sunita Jahirabdkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 4<sup>th</sup> January, 2024



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Sapna Somnath Kirad**

**Unique ID: 002052634**

This is to certify that **Sapna Somnath Kirad D/o Somnath Kirad** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Kerve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"BLOCKCHAIN CROWDFUNDING AND STARTUP ACCELERATOR"**

Submitted by

MAHEVASH PATEL	C22020881934
APURVA PATIL	C22020881936
SAPNA KIRAD	C22020881926
SAYALI MANDAREKAR	C22020881928

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Silpa Pant** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Silpa Pant)  
Guide  
Department of Computer Engineering

(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 07/02/24



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Sapna Somnath Kirad**

**Unique ID: 002052634**

This is to certify that **Sapna Somnath Kirad D/o Somnath Kirad** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

---

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE


This is to certify that the project report entitled

### VISUALIZATION OF CONTEXT SENSITIVE DEF-USE EDGES

Submitted by

SONAKSHI GOYAL CNUM: C22020221454 ROLL NO: 4453  
SPOORTI APARANJI CNUM: C22020881904 ROLL NO: 4904  
DIVYA GANESHI CNUM: C22020221337 ROLL NO: 4337  
SIDDHI KOTTAWAR CNUM: C22020881927 ROLL NO: 4926

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Dr. Chhaya Gosavi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
**Dr. Chhaya Gosavi**  
Internal Guide,  
Department of Computer  
Engineering

  
**Dr. Sunita Jahirabadkar**  
Head,  
Department of Computer  
Engineering

  
**(Dr. M. B. Khambete)**  
Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune  
Date : 11/11/23



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Sayali Vijaysinh Mandarekar**

**Unique ID: 002052628**

This is to certify that **Sayali Vijaysinh Mandarekar D/o Vijaysinh Subhash Mandarekar** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**





Maharshi Kerve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"BLOCKCHAIN CROWDFUNDING AND STARTUP ACCELERATOR"**

Submitted by

MAHEVASH PATEL	C22020881934
APURVA PATIL	C22020881936
SAPNA KIRAD	C22020881926
SAYALI MANDAREKAR	C22020881928

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Silpa Pant** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Silpa Pant)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 07/02/24



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled

**“ShareWheel - A car riding app”**

Submitted by

**SAMRUDDHI SHINDE**

**POOSHA MEHETRE**

**SAMRUDDHI BHOYAR**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Shilpa Pant** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Shilpa Pant)

Guide

Department of Computer Engineering

  
(Dr. Sunil Jahirabadkar)

Head,

Department of Computer Engineering

  
(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 01-04-2024

08 August 2023

Private and Confidential  
To Whom it May Concern

Our Ref: 00729701 G01483559

Dear Sir / Madam,

RE: Muley, Aishwarya Ganesh


Regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Job Title	Technology - Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

For the avoidance of doubt, we do not include details on whether an employee is under notice of termination of employment (given or received) or whether an employee is on or is about to undertake a period of unpaid leave.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com

This is an auto-generated letter hence does not require wet ink signature.



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE


This is to certify that the project report entitled  
**"AI-DRIVEN FILE SYSTEM PERFORMANCE OPTIMIZATION"**

Submitted by


TANVI BHOSALE  
SAYALI DESHMUKH  
SHRIYA DESHPANDE  
AISHWARYA MULEY

C22020881907  
C22020881910  
C22020881912  
C22020881930

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Shilpa Deshpande** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Shilpa Deshpande)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 4/3/2024



## CERTIFICATE

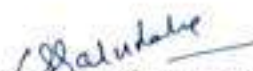
This is to certify that the project report entitled

### TEXTMATE INTERROGATE WITH PDF


Submitted by

STUDENT NAME	C-NUMBER
VAISHNAVI PANDE	C22020881968
SHRAVANI MENDKUDLE	C22021882904
PRAGATI MULIK	C22020881931
TANUJA PAWAR	C22020221426

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Gitanjalee Salunkhe** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Gitanjalee Salunkhe)  
Guide  
Department of Computer Engineering  
Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 04/01/2024

Regd Off:  
Northern Operating Services Pvt. Ltd.  
2<sup>nd</sup> Floor, RMZ Ecospace, Campus 1C,  
Sarjapur Outer Ring Road  
Bangalore, 560 103,  
Karnataka, India.  
Main - +91 (80) 4017 8500  
CIN – U72300KA2005PTC048089

SEZ Unit:  
Northern Operating Services Pvt. Ltd.  
Tower A, 13<sup>th</sup> to 16<sup>th</sup> Floor,  
EON Free Zone- II,  
EON Kharadi Infrastructure Pvt. Ltd. – SEZ,  
Survey No.72/2/1, Kharadi, Pune – 411 014,  
Maharashtra, India.  
Main - +91(20) 48538200



Date: 09-October-2023

## Certificate of Completion

This is to confirm that from 26-Jun-2023 to 1-Sep-2023, Aditi Amar Naik successfully completed a 10-week Internship programme in the Global Technology Services department within Northern Operating Services as part of their undergraduate degree programme.

We wish Aditi Amar Naik best of luck for the future.

For any clarifications, please contact [MyHRHelp@ntrs.com](mailto:MyHRHelp@ntrs.com) or call on toll free number 000800 050 2333.

*Note: This is a System Generated Document and does not require physical signature.*





## CERTIFICATE

This is to certify that the project report entitled

**"HANDWRITTEN MODI LIPI CHARACTER RECOGNITION USING ML"**

Submitted by

RUTUJA ATUL KESKAR	C22020221370
ADITI AMAR NAIK	C22020881932
AKANKSHA KASREWAR	C22020881924
KHUSHI JAGETIA	C22020221357

Is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Sakshi Mandke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Sakshi Mandke)  
Guide  
Department of Computer Engineering

  
(Dr. S.A Jahirabadkar)  
Head  
Department of Computer Engineering

(Dr. M.B. Khambete)  
Principal,  
Cummins College of Engineering Women Pune-52

Place: Pune  
Date: 03-01-2024



08 August 2023

Private and Confidential  
To whom it may concern

Our Ref: 00730488 G01489014

Dear Sir / Madam,

RE: Nalwadey, Janhavi Abhay

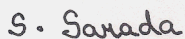
Regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Job Title	Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

For the avoidance of doubt, we do not include details on whether an employee is under notice of termination of employment (given or received) or whether an employee is on or is about to undertake a period of unpaid leave.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com

This is an auto-generated letter hence does not require wet ink signature.



Maharshi Karve Stree Shiksha Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitles

**"DOCUHEDGE": DOCUMENT MANAGEMENT  
SYSTEM FOR CORPORATE USERS**

Submitted by

STUDENT NAME

CNUMBER

Samiksha Joglekar

C22020881921

Janhavi Nalwadey

C22020881933

Janhavi Patil

C22020881937

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Aparna Hajare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology** (Computer Engineering).

(Prof. Aparna Hajare)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M.B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 9/02/2024

H



**MKSSS's**

**Cummins College of Engineering for Women, Pune**

**(An Autonomous Institute Affiliated to Savitribai Phule Pune University)**

**DEPARTMENT OF COMPUTER ENGINEERING**

**CERTIFICATE**

This is to certify that

STUDENT NAME: **MAHEVASH PATEL**

Exam No : **C22020881934**

is a bonafide student of this institute and completed internship for the duration of 2 months for period 22/05/2023 to 14/07/2023 in the Schlumberger.

**Cummins College of Engineering, Department of Computer Engineering 2023-24**

S. Mandre

**(Prof. Sakshi Mandre)**

Internal Mentor

Department of Computer Engineering

**(Dr. Supriya Kelkar)**

Head

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Director,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date :



Maharshi Kerve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"BLOCKCHAIN CROWDFUNDING AND STARTUP ACCELERATOR"**

Submitted by

MAHEVASH PATEL	C22020881934
APURVA PATIL	C22020881936
SAPNA KIRAD	C22020881926
SAYALI MANDAREKAR	C22020881928

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Silpa Pant** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Silpa Pant)  
Guide  
Department of Computer Engineering

(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 07/02/24



**To whomsoever it may concern**

This is to certify that **Pathak, Neha** from MKSSS Cummins College of Engineering for Women Pune, was working with Dell Technologies for Internship Project.

Project Details	
Project Name	IDC - Chatbot (MIRA - Market Intelligence Robotic Assistant)
Duration	05-June-2023 to 04-August-2023
Location	Bangalore
Reporting Manager Name	R M, Chandrasekhar

She has successfully completed the project. Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

Performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Santosh TK  
Talent Acquisition Director  
Dell Technologies

Dell International Services India Pvt. Ltd.

Corporate Identification Number :U74999KA1996FTC055568

Registered Office : Divyashree Greens, Sy .Nos. 12/1,12/2A,13/1A, Challaghatta Village,  
Varthur Hobli, Bangalore-560071,Main: +91-08028077000 Fax:+91-804152003







Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwada  
Pune – 411 006

August 18, 2023

Tel +91 (20) 71296000

**SERVICE CERTIFICATE**

This is to certify that Ms. Apurva Patil was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the RFT Grad Pune CTB Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Apurva Patil all success in her future endeavors.

Yours faithfully,  
**Deutsche India Private Limited**

A handwritten signature in blue ink, appearing to be 'A. Patil', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, appearing to be 'A. Patil', written over a horizontal line.

**Authorised Signatory  
Human Resources**



Maharshi Kerve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"BLOCKCHAIN CROWDFUNDING AND STARTUP ACCELERATOR"**

Submitted by

MAHEVASH PATEL	C22020881934
APURVA PATIL	C22020881936
SAPNA KIRAD	C22020881926
SAYALI MANDAREKAR	C22020881928

are bonafide students of this institute and the work has been carried out by her under the supervision of **Prof. Silpa Pant** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Silpa Pant)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 07/02/24



Deutsche India Pvt. Ltd.  
Business Bay, Wing 2  
Tower A, 6th, 7th, 8th floor  
Off Airport Road, Yerwade  
Pune - 411 006

August 18, 2023

Tel +91 (20) 71296000

**SERVICE CERTIFICATE**

This is to certify that Ms. Janhavi Patil was employed with us from June 5, 2023 to July 28, 2023 as an Intern in the CIB Tech Grad Pune Department of our Bank in Pune. Internship was successfully completed to enable her to develop her practical skills and provide industry exposure.

We wish Ms. Janhavi Patil all success in her future endeavors.

Yours faithfully,  
**Deutsche India Private Limited**

A handwritten signature in blue ink, appearing to be 'Aishwarya', written over a horizontal line.

**Authorised Signatory  
Human Resources**

A handwritten signature in blue ink, appearing to be 'Smita', written over a horizontal line.

**Authorised Signatory  
Human Resources**



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitles

**"DOCUHEDGE": DOCUMENT MANAGEMENT  
SYSTEM FOR CORPORATE USERS**

Submitted by

STUDENT NAME

CNUMBER

Samiksha Joglekar

C22020881921

Janhavi Nalwadey

C22020881933

Janhavi Patil

C22020881937

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Aparna Hajare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology** (Computer Engineering).

(Prof. Aparna Hajare)

Guide

Department of Computer Engineering

(Dr. Sunita Jahirabadkar)

Head,

Department of Computer Engineering

(Dr. M.B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 9/02/2024

H

November 30, 2023

To Whom It May Concern

This is to certify that Madhura Patil has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)



**To Whom It May Concern**

**Date: 10-Aug-2023**

**Name: Ria Santosh Patil**

**Unique ID: 002052629**

This is to certify that **Ria Santosh Patil D/o Santosh Patil** has worked with **Optum Global Solutions (India) Pvt. Ltd** as an Intern with Technology division from **6-Jun-2023** to **5-Aug-2023**. Her conduct during the aforesaid period was found to be satisfactory.

We wish her all the best in her future endeavor.

**For Optum Global Solutions (India) Pvt. Ltd**

A handwritten signature in black ink, appearing to read "Ashish Garg", written over a horizontal line.

**Ashish Garg**

**Senior Director - Recruitment**



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**" COIN TRACK APP "**

Submitted by

STUDENT NAME :	CNUM:
Sharyu Powar	C22020881942
Damayanti Saha,	C22020881947
Radhika Ubhad	C22020881966
Ria Patil	C22020881939

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Hitendra Khairnar and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Hitendra Khairnar)  
Guide,  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune  
Date : 8/1/2024

CCOEW, Department of Computer Engineering 2023-2024



09 August 2023

Private and Confidential  
To whom it may concern

Our Ref: 00732011 G01484261

Dear Sir / Madam,

RE: Patil, Rucha Pradip

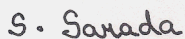
Regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Job Title	Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

For the avoidance of doubt, we do not include details on whether an employee is under notice of termination of employment (given or received) or whether an employee is on or is about to undertake a period of unpaid leave.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com

This is an auto-generated letter hence does not require wet ink signature.

## Company/ Institute Certificate



HR Operations India Helpdesk  
barclays.com

11 August 2023  
Private and Confidential  
To whom it may concern  
Our Ref: 00734248 G01489858

Dear Sir/Madam,

RE: Patil, Shruti Rajesh

Further to your query regarding the individual named above, we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	Intern - Data & Software Engineer
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,

S. Sarada

HR Operations  
Globalreferences@barclays.com

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Sharyu Powar** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Experience & Devices"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Shreyansh Agrawal (Shagra) and Manmeet Kaur (Manmeetkaur).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Sharyu Powar".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.  
CIN: U72200DL1998PTC093824



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**" COIN TRACK APP "**

Submitted by

STUDENT NAME :	CNUM:
Sharyu Powar	C22020881942
Damayanti Saha,	C22020881947
Radhika Ubhad	C22020881966
Ria Patil	C22020881939

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Hitendra Khairnar and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Hitendra Khairnar)  
Guide,  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune  
Date : 8/1/2024

CCOEW, Department of Computer Engineering 2023-2024



## CERTIFICATE

This is to certify that the 6 months project report entitles

### **BUSINESS INTELLIGENCE AND DATA ANALYTICS FOR E-COMMERCE WEBSITES**

Submitted By

JUHI RAJWADE	C22020881943
SAMIKSHA TAWDE	C22020881962
SWEJAL THAWARE	C22020881963
AAKANKSHA RATHOD	C22021882907

are the bonafide students of this institute and the work has been carried out by them under the supervision of **Prof. Dr Sushila Shelke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Computer Engineering**.

<sup>888</sup>  
8/1/24  
Dr Sushila Shelke

Project Guide.

  
Dr.S.A. Jambharkar

Head of Department  
Computer Engineering

  
Dr. M. B. Khambete  
Principal

Cummins College of Engineering for Women ,Pune – 52

Place : Pune

Date :



## Internship Completion Certificate

### **Ritika Mukerjee**

Address: C-204, Kalpataru Jade Residences,  
Baner, near PanCard Club Road Pune  
Contact: 9359993148  
Email id: ritikamukerjee@gmail.com

**Date: 03 Jan, 2024**

### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ritika Mukerjee** has successfully completed the internship program at **Kh(ख) Infinite Possibilities Pvt. Ltd.** from **17<sup>th</sup> June to 17<sup>th</sup> December 2023**. During this period, She demonstrated exceptional dedication, professionalism, and enthusiasm in carrying out their assigned tasks and responsibilities.

### **Internship Details:**

**Projects: AI Chatbot Customer Enquiries Management**

**Position: Graduate Trainee**

### **Internship Description:**

Ritika has worked on AI assisted chatbot for company product enquiries and HR Portal Queries for employees.

Her valuable contributions have significantly enhanced the overall effectiveness of our enquiry management system.

### **Acknowledgment:**

We commend Ritika Mukerjee for their outstanding performance and significant contributions to our Company. Her hard work, dedication, and willingness to learn were evident throughout the internship program.

She consistently demonstrated strong problem-solving skills, effective communication, and the ability to work both independently and as part of a team.

**With best wishes,**

**For Kh(ख) Infinite Possibilities Pvt. Ltd.**


**Vidya Patel**

**HR Associate**

**Kh(ख) Infinite Possibilities Pvt. Ltd.**

Office C2-201, Epic, Kesnand Road, Wagholi, Pune 412207

Email: [Info@khscience.in](mailto:Info@khscience.in) Website: [www.khscience.in](http://www.khscience.in)



Oracle India Pvt. Ltd.  
India Development Center

Oracle Technology Park  
3, Bannerghatta Park  
Bangaluru - 560 029

CIN: U74899DL1993PTC051764  
Phone +91 80 4107 0000  
Fax +91 80 2552 6124

***Private & Confidential***

Ref: Oracle-Interns- 1794122

10<sup>th</sup> Oct 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. MRUNAL ROTE, student of Cummins College of Engineering for Women's, Pune (Pursuing BE/B.Tech) has completed her project with Oracle India Private Limited.

The project was undertaken from 14-Jun-2023 to 08-Aug-2023. She worked on "Verrazzano Intstallation status"

We wish her all the best in her future endeavours.

Yours sincerely  
For Oracle India Private Limited.

**Rambabu Jagatha**  
**Director – HR Operations**





Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"MOVIE AND TRAILER ANALYTICS"**

Submitted by

<b>SAI WANI</b>	<b>C22020111267</b>
<b>APARNA USHIR</b>	<b>C22020221462</b>
<b>VISHWA DERE</b>	<b>C22020881909</b>
<b>MRUNAL ROTE</b>	<b>C22020881946</b>

are the bonafide students of this institute and the work has been carried out by them under the supervision of **Dr. Chhaya Gosavi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**Dr. Chhaya Gosavi**

Guide,  
Department of Computer Engineering

**Dr. Sunita Jahirabadkar**

Head,  
Department of Computer Engineering

**Dr. M. B. Khambete**  
Principal

Cummins College of Engineering for Women, Pune - 52

Place : Pune

Date : 5/1/24

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032

Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>



21-Jul-23

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Damayanti Saha** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Cloud & Artificial Intelligence"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Loganathan Ramalingam (Loganatr) and Haritha Pallavi Bendapudi (Hbendapudi).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Damayanti Saha".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**" COIN TRACK APP "**

Submitted by

STUDENT NAME :	CNUM:
Sharyu Powar	C22020881942
Damayanti Saha,	C22020881947
Radhika Ubhad	C22020881966
Ria Patil	C22020881939

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Hitendra Khairnar and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Hitendra Khairnar)  
Guide,

Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune  
Date : 8/1/2024

CCOEW, Department of Computer Engineering 2023-2024

Microsoft India (R&D) Pvt. Ltd  
Prestige Ferns Galaxy  
Survey No, 7/1, 7/2 & 8/1A  
Ambalipura Village, Varthur Hobli  
Outer Ring Road, Bengaluru 560103



Tel + 91-80-61772000  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Sanskriti Kanphade** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Experience & Devices"** team under **Microsoft India (R&D) Pvt. Ltd, Bengaluru** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Richa Aggarwal (Richa) and Chandramouli Mallampalli (Cmallampalli).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Ira Gupta".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**



Maharshi Karve Stree Shiksha Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled  
**"HEALTH AND SAFETY MONITORING SYSTEM"**

Submitted by

**STUDENT NAME**

**ANUSHKA SHELKE  
YASHASVI RAWAT  
SANSKRUTI KANPHADE**

**EXAM NO.**

**C22020881954  
C22020441671  
C22020881948**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Rakhi Dongaonkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of **Bachelor of Technology (Computer Engineering)**.

**(Prof. Rakhi Dongaonkar)**

Guide,

Department of Computer Engineering

**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 5-01-2024





Powering Business Worldwide

Eaton India Innovation Center LLP,  
Office Building B6 and B7 along with  
Test Lab S1 and S2, Magarpatta City SEZ,  
Village Hadapsar, Taluka – Haveli,  
Dist. Pune 411 013.

## Project Completion Certificate

01<sup>st</sup> September 2023

Dear Mansi Saptale,

Congratulations on completing your internship at Eaton.

This is to certify that **Miss. Mansi Saptale**, a Computer/IT Engineering Undergraduate from **Cummins college**, has successfully completed her internship from **03-Jul-2023 to 01-Sep-2023**, at Eaton India Innovation Center.

Your efforts at Eaton are appreciated and will help enhance our organization's processes. We hope that your time here has been both challenging & enjoyable and that your needs have been met.

We certify the completion of your project "**1. Implementation of NER using spacy.**  
**2. Implementation of LLMA2**" under the guidance of **Mr. Ankit Godle**.

We wish you all the best for your future endeavors.

Warm Regards,

**Eaton India Innovation Center**

  
**First Master**  
**Manager HR**

2022 -2023

[P-2]

**CERTIFICATE**

This is to certify that the 4 months project report entitles

**"VIDEO ANALYSIS FOR ENHANCED CRICKET PERFORMANCE MONITORING AND ANALYSIS"** Submitted by

**STUDENT NAME: MANSI SAPTALE CNUM :C22020881949**

**STUDENT NAME: SANIYA SHAIKH CNUM : C22020881953**

**STUDENT NAME: YASHASHRI SONAWANE CNUM: C22021882906**

**STUDENT NAME: SANIKA SHINDE CNUM: C22021882909**

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Rakhi Dongoankar and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to savitribai phule pune university), for the award of the degree of Bachelor of Technology (Computer Engineering).

(Prof. Rakhi Dongoankar)  
Department of Computer Engineering

(Dr. S.A. Jahirabadkar) Guide/Head,  
Department of Computer Engineering

(Dr. M.B. Khambete)  
Director,  
Cummins college of Engineering for women

Place : Pune

Date : 04-01-2024



November 30, 2023

To Whom It May Concern

This is to certify that Sayali Sawant has completed her internship at BNY Mellon Technology Private Limited, Pune from May 30, 2023 to November 30, 2023. During the period of internship program, she completed 6 months of training on Software Engineering. She was found punctual, hardworking, and attentive during the internship program.

Sincerely,

For BNY Mellon Technology Private Limited

(This is a computer-generated letter and does not require any further authentication, seal or attestation.)

JPMC Employee ID: I800043

3 August 2023

To Whom It May Concern

Dear Sir/Madam,

**Re: Ms Vaishnavi Sawant - Confirmation of Employment Details**

This letter is to certify the below details for Ms Vaishnavi Sawant, PAN NUOPS6055N

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Consumer & Community Banking

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact [referencing\\_team@jpmchase.com](mailto:referencing_team@jpmchase.com).

Yours faithfully,



Siddharth Taneja  
Vice President  
Human Resources



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled  
"TOUR WORLD - WEB DEVELOPMENT PROJECT"

Submitted by  
**SEJAL GAVHANE**  
**SAUMYA SINGH**  
**TEJASHREE GAVHANE**  
**SHRADHA GOSWAMI**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Jyoti Bangare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Jyoti Bangare)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune -52

Place : Pune  
Date : 0-0-22

11 August 2023

Private and Confidential

To whom it may concern

Our Ref: 00734501 G01486484

Dear Sir/Madam,

RE: Saniya Firoj Shaikh

Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	Technology - Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com

2022 -2023

[P-2]

**CERTIFICATE**

This is to certify that the 4 months project report entitles

**"VIDEO ANALYSIS FOR ENHANCED CRICKET PERFORMANCE MONITORING AND ANALYSIS"** Submitted by

**STUDENT NAME: MANSI SAPTALE CNUM :C22020881949**

**STUDENT NAME: SANIYA SHAIKH CNUM : C22020881953**

**STUDENT NAME: YASHASHRI SONAWANE CNUM: C22021882906**

**STUDENT NAME: SANIKA SHINDE CNUM: C22021882909**

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Rakhi Dongoankar and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to savitribai phule pune university), for the award of the degree of Bachelor of Technology (Computer Engineering).

(Prof. Rakhi Dongoankar)  
Department of Computer Engineering

(Dr. S.A. Jahirabadkar) Guide/Head,  
Department of Computer Engineering

(Dr. M.B. Khambete)  
Director,  
Cummins college of Engineering for women

Place : Pune

Date : 04-01-2024

JPMC Employee ID: I800036

13 August 2023

To Whom It May Concern

Dear Sir/Madam,

**Re: Ms Anushka Shelke - Confirmation of Employment Details**

This letter is to certify the below details for Ms Anushka Shelke, PAN OFKPS1169K

Employing Entity	: J. P. Morgan Services India Private Limited
Employment Status	: Intern and Full-Time
Date of Commencement	: 5 June 2023
Last Date of Employment	: 28 July 2023
Position	: Summer Intern
Department	: Corporate & Investment Bank
Annual compensation	: INR 840,000.00 per annum

This reference is provided in the strictest confidence. Please note that the information provided is limited to that based on documented facts of which we are aware about regarding the named employee's employment with JPMorgan. JPMorgan accepts no liability in relation to any reliance placed upon it by the recipient or any third party.

If you have any questions in relation to the above, please do not hesitate to contact [referencing\\_team@jpmchase.com](mailto:referencing_team@jpmchase.com).

Yours faithfully,



Siddharth Taneja  
Vice President  
Human Resources



Maharshi Karve Stree Shiksha Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled  
**"HEALTH AND SAFETY MONITORING SYSTEM"**

Submitted by

**STUDENT NAME**

**ANUSHKA SHELKE  
YASHASVI RAWAT  
SANSKRUTI KANPHADE**

**EXAM NO.**

**C22020881954  
C22020441671  
C22020881948**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Rakhi Dongaonkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of **Bachelor of Technology (Computer Engineering)**.

**(Prof. Rakhi Dongaonkar)**

Guide,

Department of Computer Engineering

**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 5-01-2024





July 28, 2023

Internship Completion Letter

This is to confirm that **Piyusha Sandip Shimpi**, who is currently pursuing Bachelor of Technology – Computer Engineering from **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Providence India from May 29, 2023, to July 28, 2023.

I wish **Piyusha Sandip Shimpi** every success for the future.

Best wishes,

A handwritten signature in black ink that reads "Nagraj Shriyan".

Nagraj Shriyan

Executive Director – Talent Acquisition

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>

21-Jul-23

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Sneha Marcus Shinde** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the "**Experience & Devices**" team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Anupama Majety (Amajety) and Pradeep Yadav (Pryada).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Sneha Marcus Shinde".

**Signature of Candidate**

A handwritten signature in blue ink that reads "Ira Gupta".

**Microsoft India (R&D) Pvt. Ltd.**

2nd Jan 2024

TO WHOMSOEVER IT MAY CONCERN

**Sub: Internship of Isha Shukla at Amazon India ,Hyderabad, India**

This is to certify that **Isha Shukla** a student of **MKSSS's Cummins College of Engineering** has completed her internship with **Amazon Development Centre India Pvt. Ltd.** from **07-Aug-2023** to **15-Dec-2023**

The Project was titled **Automated Extraction of Resolution Phrases from Tickets** and assigned by **IP-core** team under the guidance of **Astha ..** She has successfully completed all the requirements of the project.

We wish her the very best in her future endeavors.

Regards,

For Amazon Development Centre India Pvt. Ltd.

Microsoft India (R&D) Pvt. Ltd.  
Microsoft Campus,  
Gachibowli, Hyderabad- 500032



Tel: +91-40-66930000  
Fax: +91-40-66935593  
<http://www.microsoft.com/india>

**21-Jul-23**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Silvi Parlani** from the **Cummins College of Engineering for Women, Pune** has successfully completed her Internship in the **"Experience & Devices"** team under **Microsoft India (R&D) Pvt. Ltd, Hyderabad** from **29-May-23** to **21-Jul-23**. She has completed the internship under the guidance of Diganta Deb Roy (Diganr) and Akash Sharma (Akshar).

We wish her all the best in her future endeavors.

Yours Sincerely,  
**For Microsoft India (R&D) Pvt. Ltd**

A handwritten signature in blue ink that reads "Ira Gupta".

**Ira Gupta**  
**SR GEO HR DIRECTOR**

A handwritten signature in blue ink that reads "Silvi Parlani".

**Signature of Candidate**

**Microsoft India (R&D) Pvt. Ltd.**

Registered Office: 807, New Delhi House, Barakhamba Road, New Delhi-110001.  
CIN: U72200DL1998PTC093824

09 August 2023

Private and Confidential

To whom it may concern

Our Ref: 00731497 G01484836

Dear Sir/Madam,

RE: Modi, Simran Suresh


Further to your query regarding the individual named above; we confirm the following.

Start Date	12 June 2023
Leaving date	04 August 2023
Job Title	Graduate Intern
Corporate Grade	Business Analyst
Engagement status	Intern
Employing entity	Barclays Global Service Centre Private Limited (formerly known as Barclays Technology Centre India Private Limited)

Please note that this letter was created when this person left the company and therefore reflects the position at that point in time.

This information is given in strict confidence, and should not be divulged to any third party. It is also given without any admission of liability for any loss or damage caused by reliance on the information provided in this reference on the part of Barclays or any company in the Barclays group, or the signatory.

Yours faithfully,



HR Operations

Globalreferences@barclays.com

This is an auto-generated letter hence does not require wet ink signature.



## CERTIFICATE

This is to certify that the project report entitled  
"TOUR WORLD - WEB DEVELOPMENT PROJECT"

Submitted by  
**SEJAL GAVHANE**  
**SAUMYA SINGH**  
**TEJASHREE GAVHANE**  
**SHRADHA GOSWAMI**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Jyoti Bangare** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Jyoti Bangare)  
Guide  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune -52



**NONSTOP IO TECHNOLOGIES PRIVATE LIMITED**

320, Panchashil SOHO, Near Panchashil Towers, Kharadi, Pune, India - 14  
contact@nonstopio.com

4 Dec 2023

**Internship Certificate**

**To Whom It May Concern**

This is to certify that **Manisha Suryawanshi** was working as an **Intern** at **NonStop io Technologies Pvt. Ltd**, Pune from 1 August 2023 to 30 November 2023.

She has demonstrated her skills with self-motivation. She is very diligent in her work.

We wish her all the best for her upcoming future.

Saurabh Gawande,  
Director and CEO

11/30/2023



NonStop io Technologies Pvt Ltd





## CERTIFICATE

This is to certify that the 6 months project report entitles

### **BUSINESS INTELLIGENCE AND DATA ANALYTICS FOR E-COMMERCE WEBSITES**

Submitted By

JUHI RAJWADE	C22020881943
SAMIKSHA TAWDE	C22020881962
SWEJAL THAWARE	C22020881963
AAKANKSHA RATHOD	C22021882907

are the bonafide students of this institute and the work has been carried out by them under the supervision of **Prof. Dr Sushila Shelke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Computer Engineering**.

<sup>888</sup>  
8/1/24  
Dr Sushila Shelke

Project Guide.

  
Dr.S.A. Jambharkar

Head of Department  
Computer Engineering

  
Dr. M. B. Khambete  
Principal

Cummins College of Engineering for Women ,Pune – 52

Place : Pune

Date :



## CERTIFICATE

This is to certify that the 6 months project report entitles

### **BUSINESS INTELLIGENCE AND DATA ANALYTICS FOR E-COMMERCE WEBSITES**

Submitted By

JUHI RAJWADE	C22020881943
SAMIKSHA TAWDE	C22020881962
SWEJAL THAWARE	C22020881963
AAKANKSHA RATHOD	C22021882907

are the bonafide students of this institute and the work has been carried out by them under the supervision of **Prof. Dr Sushila Shelke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Computer Engineering**.

<sup>888</sup>  
8/1/24  
Dr Sushila Shelke

Project Guide.

  
Dr.S.A. Jambharkar

Head of Department  
Computer Engineering

  
Dr. M. B. Khambete  
Principal

Cummins College of Engineering for Women ,Pune – 52

Place : Pune

Date :



2 August 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that ISHA THUSE (530840) was employed with Visa Inc. or its affiliates globally from 5/30/2023 to 8/4/2023. Her last position held was Intern with Visa Consolidated Support Services India Pvt. Ltd.

We wish her good luck for her future endeavors.

**Yours sincerely**

**Human Resources**

*Note: This is a computer-generated letter and no signature is required*

**Registered Office:**

Visa Consolidated Support Services India Private Limited  
C-70, 1702 A Wing, The Capital, G Block, Bandra Kurla Complex,  
Mumbai 400051  
Office: 022 66884100 | Fax 022 67258211  
CIN: U32109MH1999PTC207960

[www.visa.co.in](http://www.visa.co.in)

**SEZ Unit:**

WTC, 5th Floor, Aquamarine,  
KR Puram - Marathahalli ORR  
Bangalore: 560 048  
Office: 080 6750800 | Fax 080 67508010



15 December, 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Isha Thuse was employed with Thuse Elektronik P Ltd from 21/08/2023 to 15/12/2023. Her last position in the company was as an intern.  
We wish her good luck in her future endeavors.

Yours sincerely  
Human resources

**Registered office:**

Thuse Elektronik P. Ltd.  
33A, Sector Number 7 Rd,  
PCNTDA, MIDC, Bhosari, Pune,  
Pimpri-Chinchwad, Maharashtra 411026  
<https://www.thuse.net/>



15 December, 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Isha Thuse was employed with Thuse Elektronik P Ltd from 21/08/2023 to 15/12/2023. Her last position in the company was as an intern.  
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Yours sincerely  
Human resources

**Registered office:**

Thuse Elektronik P. Ltd.  
33A, Sector Number 7 Rd,  
PCNTDA, MIDC, Bhosari, Pune,  
Pimpri-Chinchwad, Maharashtra 411026  
<https://www.thuse.net/>



Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**" COIN TRACK APP "**


Submitted by

STUDENT NAME :	CNUM:
Sharyu Powar	C22020881942
Damayanti Saha,	C22020881947
Radhika Ubhad	C22020881966
Ria Patil	C22020881939

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Hitendra Khairnar and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Hitendra Khairnar)  
Guide,  
Department of Computer Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer Engineering

  
(Dr. M. B. Khambete)  
Principal,  
Cummins College of Engineering for Women Pune – 52

Place : Pune  
Date : 8/1/2024

CCOEW, Department of Computer Engineering 2023-2024



## CERTIFICATE

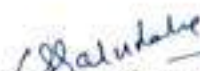
This is to certify that the project report entitled

### TEXTMATE INTERROGATE WITH PDF


Submitted by

STUDENT NAME	C-NUMBER
VAISHNAVI PANDE	C22020881968
SHRAVANI MENDKUDLE	C22021882904
PRAGATI MULIK	C22020881931
TANUJA PAWAR	C22020221426

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Gitanjalee Salunkhe** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Gitanjalee Salunkhe)  
Guide  
Department of Computer Engineering  
Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

Date : 04/01/2024





## Internship Completion Letter

July 28, 2023

This is to confirm that **Yashasvi Rawat**, who is currently pursuing **Bachelor of Technology - Computer Engineering** from **Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune**, has successfully completed an internship at Providence India from May 29, 2023, to July 28, 2023.

I wish **Yashasvi Rawat** every success for the future.

Best wishes,

Nagraj Shriyan  
Executive Director – Talent Acquisition



Maharshi Karve Stree Shiksha Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled  
**"HEALTH AND SAFETY MONITORING SYSTEM"**

Submitted by

**STUDENT NAME**

**ANUSHKA SHELKE  
YASHASVI RAWAT  
SANSKRUTI KANPHADE**

**EXAM NO.**

**C22020881954  
C22020441671  
C22020881948**

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Rakhi Dongaonkar** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of **Bachelor of Technology (Computer Engineering)**.

**(Prof. Rakhi Dongaonkar)**

Guide,

Department of Computer Engineering

**(Dr. Sunita Jahirabadkar)**

Head,

Department of Computer Engineering

**(Dr. M. B. Khambete)**

Principal,

Cummins College of Engineering for Women Pune - 52

Place : Pune

Date : 5-01-2024



Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women, Pune**  
(An autonomous Institute affiliated to Savitribai Phule Pune University)

### CERTIFICATE

This is to certify that the project report entitled

**"MOVIE AND TRAILER ANALYTICS"**

Submitted by

<b>SAI WANI</b>	<b>C22020111267</b>
<b>APARNA USHIR</b>	<b>C22020221462</b>
<b>VISHWA DERE</b>	<b>C22020881909</b>
<b>MRUNAL ROTE</b>	<b>C22020881946</b>

are the bonafide students of this institute and the work has been carried out by them under the supervision of **Dr. Chhaya Gosavi** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

**Dr. Chhaya Gosavi**

Guide,  
Department of Computer Engineering

**Dr. Sunita Jahirabadkar**

Head,  
Department of Computer Engineering

**Dr. M. B. Khambete**  
Principal

Cummins College of Engineering for Women, Pune - 52

Place : Pune

Date : 5/1/24

# INTERNSHIP COMPLETION CERTIFICATE



Presented to  
**Ms. Purva Thite**

---

student of **Cummins College** for successfully completing  
Internship with Fresh Gravity from **June 5, 2023**, to  
**September 29, 2023**.

Best wishes for all future endeavors.

October 12, 2023

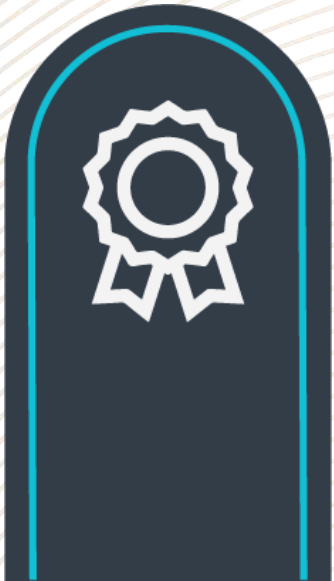
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DATE

A handwritten signature in blue ink that reads "Kulkarni".

---

**Sonali Kulkarni**  
HR Manager





Maharshi Karve Stree Shikshan Samstha's

**Cummins College of Engineering for Women, Pune**

(An autonomous Institute affiliated to Savitribai Phule Pune University)

## CERTIFICATE

This is to certify that the project report entitled  
"GANDHAR EVENT MANAGEMENT SYSTEM"

Submitted by

STUDENT NAME	CNUM
Aparna Pandita	C22020221302
Rujuta Darnle	C22020221330
Purva Thite	C22021882901
Shraddha Paymode	C22020221428

is a Bonafide student at this institute and the work has been carried out by her under the supervision of **Mrs. Sunita Jahirabdkar** and **Mrs. Simantinee Kulkarni**. It is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

(Prof. Simantinee Kulkarni)

Guide,

Department of Computer Engineering

(Dr. Sunita Jahirabdkar)

HOD,

Department of Computer Engineering

(Dr. M. B. Khambete)

Principal,

Cummins College of Engineering for Women Pune - 52

Place: Pune

Date: 04-01-2024



Boeing India Private Limited  
Registered Office: 3rd Floor, DLF Centre,  
Sansad Marg,  
New Delhi 110001 India

---

**October 17, 2023**

**To Whom So Ever It May Concern**

This is to certify that Ms. Nirmiti Siddharth Pardhe has done internship with Boeing India Private Limited (A subsidiary of The Boeing Company) from July 03, 2023 to September 01, 2023. During this period, she worked as Intern - Student Engineer and has completed the assigned tasks with great satisfaction.

We wish Ms. Nirmiti Siddharth Pardhe the best in her future endeavors.

For Boeing India Private Limited

---

**Authorized Signatory**





## CERTIFICATE

This is to certify that the 4 months project report  
entitles

### CONTEXT BASED TRUST MANAGEMENT IN SOCIAL INTERNET OF THINGS

Submitted by

AMRUTA THAORE	C22020221459	4457
NIRMITI PARDHE	C22021882902	4969
UTKARSHAA GODSE	C22021882908	4974

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Supriya Kelkar and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of Bachelor of Technology (Computer Engineering).

(Dr. Supriya Kelkar)  
Guide

Department of Computer Engineering

(Prof. Dr. S.A. Jahirabadkar)  
Head,

Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place: Pune  
Date: 4/01/2024



# TRACKSOFT SOLUTIONS PVT LTD

website : [www.tracksoftsolutions.com](http://www.tracksoftsolutions.com) email : [tracksoftsolutions@gmail.com](mailto:tracksoftsolutions@gmail.com) Phone : 9504388225/26

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## To Whomsoever It May Concern

This is to certify that Ms. Veena Sunil Jeswani from "MKSSS's Cummins College of Engineering For Women" has completed her Project with us. The duration of the project was from 15th June 2023 to 15th Dec 2023.

Ms. Veena Sunil Jeswani has successfully pursued her projects in TRACKSOFT SOLUTIONS PVT LTD under the guidance of Mr. Narendra Chauhan. And she is hardworking and attentive during the internship.

We take this opportunity to wish Ms. Veena Sunil Jeswani success in her future endeavors.

Place :Pune

Date: 18-Dec-2023



Signature of Authorized Signatory

Designation/Status

For Tracksoft Solutions Pvt. Ltd.

Authorized Signatory

Registration / CIN No. U72501PN2016PTC164113  
Address: 2nd floor, Office # 6A, Priya Apartment Sr. No. 84/2, Moreshwar society, Baner Road, Sakal Nagar  
Pune, MAHARASHTRA, Pin-411007 India



## CERTIFICATE

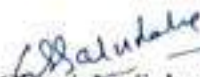
This is to certify that the project report entitled

### TEXTMATE INTERROGATE WITH PDF

Submitted by

STUDENT NAME	C-NUMBER
VAISHNAVI PANDE	C22020881968
SHRAVANI MENDKUDLE	C22021882904
PRAGATI MULIK	C22020881931
TANUJA PAWAR	C22020221426

is a bonafide student of this institute and the work has been carried out by her under the supervision of **Prof. Gitanjalee Salunkhe** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Technology (Computer Engineering)**.

  
(Prof. Gitanjalee Salunkhe)  
Guide  
Department of Computer Engineering  
Engineering

  
(Dr. Sunita Jahirabadkar)  
Head,  
Department of Computer

  
(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place : Pune

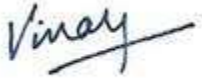
Date : 04/01/2024

Date: **21-Dec-2023**

**Subject: Internship Completion Certificate**

This is to certify that Yashasvee Thakur (ID: **C116204**) has completed internship program with Tech Mahindra Limited from **01-Jun-2023** to **30-Nov-2023** and was assigned to work on the Project titled **1.Chess Detection with OpenCV 2.Metahuman Lipsync 3.BCCI 4. Project INDUS 5. RLHF** under the guidance of **Prajakta Sadgir**.

For Tech Mahindra Ltd.



**Vinay Agrawal**  
**Head, Business HR**

## Project Completion Certificate

01<sup>st</sup> September 2023

Dear Yashashri Sonawane,

Congratulations on completing your internship at Eaton.

This is to certify that **Miss. Yashashri Sonawane**, a Computer/IT Engineering Undergraduate from **Cummins college**, has successfully completed her internship from **03-Jul-2023 to 01-Sep-2023**, at Eaton India Innovation Center.

Your efforts at Eaton are appreciated and will help enhance our organization's processes. We hope that your time here has been both challenging & enjoyable and that your needs have been met.

We certify the completion of your project "**To develop a desktop-based application**" under the guidance of **Mr. Yogeshwar Chaudhari**.

We wish you all the best for your future endeavors.

Warm Regards,

**Eaton India Innovation Center**

  
**Firoz Master**  
**Manager HR**

2022 -2023

[P-2]

**CERTIFICATE**

This is to certify that the 4 months project report entitles

**"VIDEO ANALYSIS FOR ENHANCED CRICKET PERFORMANCE MONITORING AND ANALYSIS"** Submitted by

**STUDENT NAME: MANSI SAPTALE CNUM :C22020881949**

**STUDENT NAME: SANIYA SHAIKH CNUM : C22020881953**

**STUDENT NAME: YASHASHRI SONAWANE CNUM: C22021882906**

**STUDENT NAME: SANIKA SHINDE CNUM: C22021882909**

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Rakhi Dongoankar and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to savitribai phule pune university), for the award of the degree of Bachelor of Technology (Computer Engineering).

(Prof. Rakhi Dongoankar)  
Department of Computer Engineering

(Dr. S.A. Jahirabadkar) Guide/Head,  
Department of Computer Engineering

(Dr. M.B. Khambete)  
Director,  
Cummins college of Engineering for women

Place : Pune

Date : 04-01-2024



## CERTIFICATE

This is to certify that the 6 months project report entitles

### **BUSINESS INTELLIGENCE AND DATA ANALYTICS FOR E-COMMERCE WEBSITES**

Submitted By

JUHI RAJWADE	C22020881943
SAMIKSHA TAWDE	C22020881962
SWEJAL THAWARE	C22020881963
AAKANKSHA RATHOD	C22021882907

are the bonafide students of this institute and the work has been carried out by them under the supervision of **Prof. Dr Sushila Shelke** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Computer Engineering**.

<sup>888</sup>  
8/1/24  
Dr Sushila Shelke

Project Guide.

  
Dr.S.A. Jambharkar

Head of Department  
Computer Engineering

  
Dr. M. B. Khambete  
Principal

Cummins College of Engineering for Women ,Pune – 52

Place : Pune

Date :



**Human Resources**

**Registered Office**

B6, 7th Floor, Niricon Knowledge Park,  
Goregaon (East), Mumbai - 400063  
CIN No: U72900MH2009FTC192938

T +91 22 6175 7999  
F +91 22 2653 2215  
Email:csif@citi.com

**Citicorp Services India Private Limited**



01 September 2023

Utkarshaa Ulhas Godse  
MKSSS Cummins College of Engg for Women

Dear Utkarshaa,

This is to certify that you were engaged in an internship program with Citicorp Services India Private Limited, from 29/05/2023 to 21/07/2023.

During the internship, you have successfully completed the following projects:

Project Title: Database Channel Encryption

Project Guide: Sachin Virmalwar  
Designation: Intern, ICG Tech  
Location: Pune

We wish you all the best for your future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bilal".

Bilal Ahmed Shaikh  
Senior Vice President  
Human Resources





## CERTIFICATE

This is to certify that the 4 months project report  
entitles

### CONTEXT BASED TRUST MANAGEMENT IN SOCIAL INTERNET OF THINGS

Submitted by

AMRUTA THAORE	C22020221459	4457
NIRMITI PARDHE	C22021882902	4969
UTKARSHAA GODSE	C22021882908	4974

are a bonafide student of this institute and their work has been carried out by it under the supervision of Dr. Supriya Kelkar and it is approved for the partial fulfillment of the requirement of Cummins College of Engineering for Women, Karve Nagar, Pune (an autonomous institute affiliated to Savitribai Phule Pune University.), for the award of the degree of Bachelor of Technology (Computer Engineering).

(Dr. Supriya Kelkar)  
Guide

Department of Computer Engineering

(Prof. Dr. S. A. Jahirabadkar)  
Head,

Department of Computer Engineering

(Dr. M. B. Khambete)  
Principal,

Cummins College of Engineering for Women Pune – 52

Place: Pune  
Date: 4/01/2024



Date: **August 31, 2023**

### **Experience Certificate**

This is to certify that **Sanika Shinde** has worked with Siemens Industry Software (India) Pvt Ltd w.e.f. **July 03, 2023, till September 01, 2023.**

Her designation at the time of relieving was **Student Intern.**

**We wish her success in all her future endeavors.**

With Best Regards,

For **Siemens Industry Software (India) Pvt. Ltd**

**Lalita Potekar**

**Specialist – Human Resources**

CC: Personnel File (Personnel Number: 650987)

2022 -2023

[P-2]

**CERTIFICATE**

This is to certify that the 4 months project report entitles

**"VIDEO ANALYSIS FOR ENHANCED CRICKET PERFORMANCE MONITORING AND ANALYSIS"** Submitted by

**STUDENT NAME: MANSI SAPTALE CNUM :C22020881949**

**STUDENT NAME: SANIYA SHAIKH CNUM : C22020881953**

**STUDENT NAME: YASHASHRI SONAWANE CNUM: C22021882906**

**STUDENT NAME: SANIKA SHINDE CNUM: C22021882909**

is a bonafide student of this institute and the work has been carried out by her under the supervision of Prof. Rakhi Dongoankar and it is approved for the partial fulfillment of the requirement of cummins college of engineering for women, karvenagar, pune (an autonomous institute affiliated to savitribai phule pune university), for the award of the degree of Bachelor of Technology (Computer Engineering).

(Prof. Rakhi Dongoankar)  
Department of Computer Engineering

(Dr. S.A. Jahirabadkar) Guide/Head,  
Department of Computer Engineering

(Dr. M.B. Khambete)  
Director,  
Cummins college of Engineering for women

Place : Pune

Date : 04-01-2024