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EDUCATION

DJ SANGHVI COLLEGE OF ENGINEERING, MUMBAI

BE Computer Engineering

2017-2021

CGPA 9.88

HILL SPRING INTERNATIONAL JUNIOR COLLEGE

HSC Vocational: Computer Science

2017

86.7%

HOLY ANGELS' SCHOOL

CBSE 10TH

2015

CGPA 10

SKILLS

Programming Languages / Tools: Java, C, Python, Javascript, SQL, Android (Java), Firebase, NodeJS, ExpressJS, Git, XML, HTML, CSS, Android Studio

EXPERIENCE

TATA CONSULTANCY SERVICES – Project Intern

December 2019 - February 2020

- Designed, developed and deployed a project for predicting customer churn in the telecom sector, with a web based frontend
- Technology: Spring framework and Machine Learning using Python
- Project Completion Certificate: [Certificate Link](#)

PROTREX – Software Development Intern

October 2019 - December 2019

- Developed an efficient job scheduling algorithm to distribute and execute computationally expensive jobs on Raspberry Pi based homogeneous and heterogeneous clusters used in healthcare applications
- Technology: Python, Raspberry Pi

UDAYAN SOLUTIONS – Web Development Intern

August 2019 - October 2019

- Designed and developed the company website and also helped in its hosting and search engine optimization
- Technology: NodeJS, Heroku

DJ UNICODE – Android Development Mentee

September 2018 - July 2019

- Built an android app that helps teachers to maintain student's attendance records and the students to keep a track of their attendance (being used in Computer Engineering department of DJ Sanghvi College of Engineering)
- Technology: Android Studio (Java)
- App: [Play Store Link](#) Project: [GitHub](#)

PROJECTS

NewsBhandar (Android App for news viewing using News API and firebase authentication)

Project: [GitHub](#)

Virtual Farmer (Android App for farming guidance and irrigation planning using IoT)

Project: [GitHub](#)

TheWeatherApp (Android App for weather prediction using OpenWeatherMap API)

Project: [GitHub](#)

MoneyManager (Android App for money management guidance using firebase firestore)

Project: [GitHub](#)

PotholeDetector (Detection of potholes on Indian Roads using YOLOv3 and YOLOv4)

Project: [GitHub](#)

ImageCaptioning (Generating Captions from Images using Deep Learning (InceptionV3))

Project: [GitHub](#)

QuizContest (Quiz game with GUI using C language)

Project: [GitHub](#)

PUBLICATIONS

Pothole Detection and Dimension Estimation System using Deep Learning

IEEE IVCNZ 2020

Electronic ISBN: 978-1-7281-8579-8

Victoria University of Wellington, New Zealand

IoT and ML based Smart System for Efficient Garbage Monitoring

IEEE ICSSIT 2020

Electronic ISBN: 978-1-7281-5821-1

FXEC, Tamil Nadu

Virtual Farmer: Real Time Crop Prediction and Automatic Irrigation System

IEEE ICCCNT 2020

Electronic ISBN: 978-1-7281-6851-7

IIT Kharagpur

AWARDS AND ACCOLADES

Qualified **Graduate Aptitude Test in Engineering (GATE) 2021**, organised by IIT Bombay

3rd prize at **CodeShastra 6.0 Hackathon** at DJ Sanghvi College of Engineering, Mumbai

March 2020

Won the **Lines Of Code 2.0 Hackathon** at DJ Sanghvi College of Engineering, Mumbai

February 2020

Placed amongst top 10 in **KJSCE Hackathon** at KJ Somaiya College of Engineering, Mumbai

October 2019

Received **Governor's Award** in Bharat Scouts and Guides

Won Silver Medal in **Homi Bhabha Young Scientist Exam**

EVENTS

Participated in JPMC Code for Good 2020, DJ LOC 1.0 and 2.0, TSEC Hacks and CodeStorm, DJ CodeShastra 5.0 and 6.0.