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EDUCATION

DJ SANGHVI COLLEGE OF ENGINEERING, MUMBAI

BE Computer Engineering

2017-2021

CGPA 9.86

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](#) and 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

Virtual Farmer - Real Time Crop Prediction and Automatic Irrigation System

IEEE ICCCNT 2020

Research Paper (Publication Pending)

IIT Kharagpur

IoT and ML based Smart System for Efficient Garbage Monitoring

IEEE ICSSIT 2020

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

FXEC, Tamil Nadu

Combating COVID-19 using Object Detection Techniques for Next-Generation Autonomous Systems

Elsevier

Chapter in Elsevier: Cyber-Physical Systems: AI and COVID-19 (Publication Pending)

AWARDS AND ACCOLADES

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.