

OMKAR SINGH

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Brief Summary

An aspiring Engineer, passionate about the power of technology and design to create meaningful solutions and make a meaningful impact on society.

Education

MIT Academy of Engineering

Bachelor of Technology in Electronics and Telecommunication - 8.79 CGPA (till 6th Sem)

June 2020 - Present

Pune, Maharashtra

SV Union Junior College

Intermediate - 88.00 Percentage

June 2018 - May 2020

Pune, Maharashtra

Agrasen High School

Intermediate - 93.20 Percentage

Till May 2018

Pune, Maharashtra

Experience

Celebal Technologies

27 May, 2023 - 27 Jul, 2023

- Worked on industrial problems related to Data Science and Machine Learning, worked on IPL score regression and prediction model. Worked with application of EDA, Data Manipulation and Deep Learning techniques on projects

Future Ready Talent - Microsoft Azure

01 May, 2022 - 30 Jun, 2022

- Worked on Microsoft Azure Cloud, learned its usage, importance and hands on lab on different solutions provided by it. Developed a website and deployed it using Azure Static Web apps and GitHub.

Projects

Healthcare App | Android Studio, Firebase, Github, Postman, XML, Java

January 2024

- Developed an android app for providing health assistance to elderly people.

Hostel Room Allocation App | PyCharm, Android Studio, Firebase, Render, Postman, Flask API

April 2023

- Developed an android app for logical hostel room allocation using random forest classifier.
- Deployed the ML model on Render using Github. Used Firebase for database and login/signup authentication.

Generating Images Using Neural Style Transfer | VGGNet, Jupyter, Deep Learning

September 2023

- Created a Neural Style Transfer model, through which AI images could be generated, used pre trained model of VGGNet as base for training. It generates a new image using two images (base and style).

Skin Disease Classification | VSCode, Kaggle, Neural network, Python

March 2023

- Created a skin disease classification model using CNN and ANN. Compared and shown the benefits of using CNN.
- The model classifies the skin disease into seven different types of diseases by using its picture.

Technical Skills

Languages: Java, Python, XML, C, HTML/CSS, SQL, JavaScript

Developer Tools: VS Code, Apache Hadoop, Tableau, Android Studio, AWS, Jupyter Notebook, MS Azure, MS Excel

Certifications

Zensar ESD Program

December 2022 - May 2023

Key Skills : Core Java, Advanced Java, SQL and .NET framework

FUEL Training Program

January 2023 - June 2023

Key Skills : Full Stack Development

IBM Data Science Professional Certificate

July 2022

Key Skills | Python, Data analysing, Data mining, ML Model

Extracurricular

Positions Held / Competitions

MIT Academy Of Engineering

- At University — Team Lead Coordinator of National Level Technical event 'TechnoPHILIA' | Student Class Representative | Student Training and Placement Coordinator
- At Jr Clg — Runner-Up at Inter College Science Fair
- At School — Head Boy (17-18 Batch) | Represented School at ZP in Cricket | Won Intra School Quiz Contest held by Yippe