

MEET DOSHI

Software Development Engineer

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EDUCATION

B.Tech in Electronics

K.J Somaiya College of Engineering

CGPA 8.18

2018 - 2022

Mumbai

EXPERIENCE

Internship

Machine Learning Engineer Intern

August 2021 - Present

AI for Rural

- AI for Rural is a non-profit think tank where I work on building models to assess the food nutrition and insecurity, climate impact, water and air quality, transit and tourism that has impacted the social economic conditions in the Rural communities of USA.

Internship

Machine Learning Intern

June 2021 - August 2021

Tech Mahindra

- Worked on Recommender Systems, AutoML, pricing analytics. Delivered APIs, web interfaces and deployable models.

PROJECTS

Youtube Recommender System

July 2021

Tech Mahindra

- Provides video searches based on trending keywords all around the globe. Technologies- TensorFlow, Pickle, MERN, YouTube Data API, GoogleTrans, Heroku.

8 Bit RISC Microprocessor

June 2020

KJSCE

- Designed and implemented an 8 bit microprocessor with 4 stage-pipelining & dual edge triggering to improve CPI. The processor was tested on FPGA.

Face Mask Detection

April 2021

KJSCE

- Raspberry Pi server hosting a CNN model which gave live classification on face mask detection. Cost- 6000 Rs. Also provided 99.3% accuracy which gave live feed over the camera detection to a hosted web page on Heroku.

Debiasing Facial Detection Systems

May 2021

KJSCE

- A Variational autoencoder model that learns the latent variables underlying face image datasets and uses this to adaptively re-sample the training data, thus mitigating any biases that may be present in order to train a debiased model. Technologies- Tensorflow, Plotly.

Zap iOS App Game

November 2020

KJSCE

- Implemented an iOS based app on XCode which used Firebase authentication and Firestore database. App also stored user profiles, scores and friends section. Technologies- Firestore, Swift, SwiftUI.

ACHIEVEMENTS

- Secured AIR 113 in GATE Computer Science 2021 from over 1,20,000 candidates in Third Year of Undergrad.
- Department Rank 1 for Semester V with 9.95 SGPA.
- Department Rank 3 for Semester VI.

SKILLS

TensorFlow Scikit-learn Keras
iOS App Dev React Node JS
jQuery ExpressJS Bootstrap
Django Flask Bash

BACKEND

Nginx Docker Kubernetes
Jenkins MySQL SQLite
Snowflake PostgreSQL MongoDB
GraphQL Git Firestore Heroku
Google Cloud AWS Digital Ocean

LANGUAGES

C/C++ Java Python Swift
HTML CSS JavaScript SASS
Typescript Verilog VHDL

CODING PROFILES

codechef.com/users/meetdoshi90
codeforces.com/profile/meet10
hackerrank.com/meetdoshi90

OPEN SOURCE

- Improved accuracy of Microsoft Research India's EdgeML Bonsai Algorithm by 0.25% over USPS-2 dataset.