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

📅 September 2021 - Present   📍 Phenom People

- Phenom is a global HR technology company with a purpose to help a billion people find the right job and discover their true potential. I work in the Talent Experience Management Team as an ML Engineer Intern.

Internship
Machine Learning Researcher

📅 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 Engineer

📅 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.

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.

PROJECTS

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