

# MEET DOSHI

## Software Development Engineer

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## EDUCATION

B.Tech in Electronics

K.J Somaiya College of Engineering  
CGPA 8.16

2018 - 2022

Mumbai

## EXPERIENCE

Oracle

Member of Technical Staff OSCS

January 2022 - Present

Internship

- Working on Sprint Boot, Oracle Jet, OSCS services.

Phenom People

Software Development Engineer - Machine Learning

September 2021 - January 2022

Internship

- Worked on job embeddings, personalised recommendation algorithms, analysis of various algorithms on performance and inferences on improvement. Analysis of user behaviour and owner of 3 widgets.

Testbook

Problem Setter Intern - CS

December 2021 - January 2022

Internship

- Created over 100 core computer science questions with 50+ coding questions in C++.

Tech Mahindra

Software Development Engineer

June 2021 - August 2021

Internship

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

IIIT Lucknow

Research Intern

January 2022 - Present

Research Project

- Building hate speech detectors for social media websites using attention networks.

Ramaiah Institute Of Technology

Research Intern

December 2022 - Present

Research Project

- Using 3d and 2d dataset to build neonates pain indexer. Building object detection models with pain index classifier at 10 different levels.

K J Somaiya College of Engineering

Research Intern

December 2022 - Present

Research Project

- Working on Machine vision using 360° cameras for blind people. Using LIDARs for distance measurement. Final product would be a cap for blind people.

## 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 9.95 SGPA.
- Department Rank 3 for Semester VI 9.72 SGPA.

## SKILLS

MERN Stack

TensorFlow

PyTorch

iOS App Dev

FastAPI

Flask

Bash

## BACKEND

Docker

Node JS

Kubernetes

Jenkins

MySQL

ElasticSearch

Snowflake

MongoDB

GraphQL

Git

Firestore

AWS

## LANGUAGES

C/C++

Python

Swift

HTML

CSS

JavaScript

Verilog

VHDL

## CODING PROFILES

codechef.com/users/meetdoshi90

hackerrank.com/meetdoshi90

## OPEN SOURCE

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

# PROJECTS

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## LTR Browser Based Recommendations

📅 December 2021

📍 Phenom People

- This service collected user events and cookies for a session and recommended jobs based on user's browsing history. Operated in real time speed and increased click rates for clients by 34%. Uses detext frame work for Learning to Rank.

## Pick Up Where You Left Off Widget

📅 October 2021

📍 Phenom People

- This widget gave users recommendations on jobs which user wanted to apply but didnt due to some reason. This will help users remember where they left their application while applying to jobs.

## 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.

## 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.

## Least Applied To Jobs This Week

📅 November 2021

📍 Phenom People

- This service browsed through all the jobs for a company and found jobs which were lagging on applications and did not have enough attraction to be applied for. This would help recruiters to find out why they are losing candidates or how applications can be increased for a particular job opening.

## 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. Written in Verilog, C.

## Transfer Learning in Atari Games

📅 September 2021

📍 KJSCE

- Implementation of DDQN network to apply it for transfer learning in atari games. The model was trained with single, dual and multi agent training mode. The performance was tested on over 23 different games and over estimating of Q values was avoided by some simple tricks and hacks which gave it a remarkable performance.

## 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. Technologies- Firestore, Swift, SwiftUI.