

Mihir Mangesh Pavuskar

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EDUCATION

Master of Science in Computer Science, Artificial Intelligence
University of Southern California

December 2024
4.0

Bachelor of Technology in Computer Science and Engineering
Vellore Institute of Technology, Vellore

August 2022
9.24

SKILLS

- Full Stack Development: ReactJS, NodeJS, NextJS, Databases, API development, other JS frameworks
- Deep Learning: Tensorflow, PyTorch, NLP, Computer Vision, TFJS
- Data Science: SciKit Learn, XgBoost, Data Visualization, Big Data

WORK EXPERIENCE

SDE, Frontend

Sep 2022 – Dec 2022

MURF AI, Bengaluru, India

- Developed critical features in the video/audio editing studio
- Upgraded Google Analytics from GA3 to GA4
- Handled user migration to a newer version of the software.
- Optimized performance for heavy usage of the software

Researcher,

Feb 2022 – Jul 2022

Deakin University, Geelong

- Developed an NLP Question Answering model for tabular and paragraph based financial data under Dr. Chetan Arora
- Worked with several advanced models like AIBERT, TaPaS, ELECTRA, etc.
- Achieved high accuracy with the model developed on benchmark QA datasets.

INTERNSHIP EXPERIENCE

SDE, Full Stack

Jan 2022 – Apr 2022

Velocity Global Solutions, India

- Worked on both frontend and backend development of several projects.
- Collaborated with over 7 others while working on the projects.
- Worked with several technologies like ReactJS, NodeJS, NextJS, NestJS, ReactCanvas, ChakraUI, ReactStrap, etc.
- Developed ECG monitoring interface, Business landing websites, and demonstration web apps.

SDE Intern, Frontend

Dec 2019 – May 2020

Camcann, Vellore

- Developed projects such as Online Education Portal, Smart Advertisement System, and Smart Security Dashboard
- Actively participated and contributed to all phases of development of the projects, from ideation, design, building and testing.
- Led four junior interns.

INVOLVEMENT

Co-Founder and Club Secretary, Comedy Club, VIT

Dec 2020 – Dec 2021

- Built the club from scratch.
- Handled administration and human resources.
- Organized multiple events both online and offline.

ACADEMIC PROJECTS

Smart Checkout System

Fall 2021

- Developed a smart checkout system inspired by the Amazon Go store, inventory management, and a sales prediction system.
- Worked with technologies like LSTM, ReactJS, NodeJS, Docker, AWS

COVID Visualizer

Spring 2021

- A COVID data visualization dashboard that presented the information in several different graphical formats gave us a deeper insight into the spread of the virus.
- Worked with Pandas, Plotly, Plotly-Dash, Canvas, Flask