

HARSHAVARDHAN REDDY MANYAM

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EDUCATION

Texas State University

Master of Science in Computer Science

San Marcos, Texas

August 2024

Amrita School of Engineering, Bangalore

Bachelor of Computer Science

Bangalore, India

May 2019

Skills

Programming languages: C++, Python, JavaScript, Java

Frameworks : NodeJS, React JS, Redux, ExpressJS, Django

Version Control : Github

Databases : PostgreSQL, MongoDB

Data Analysis : Scikit-learn, NumPy, Pandas, Matplotlib , Plotly, Tensorflow, Keras

PROFESSIONAL EXPERIENCE

Tata Consultancy Services

Software Engineer (Full Stack Developer)

Bangalore, India

Nov 2020 - Aug 2022

- Developed a dashboard for a CRM PoC.
- Created Visualization Analytical Charts as per business logic.
- Created filterable tables using Elasticsearch.
- Developed API's for various features like authentication, data visualization and machine learning models.

Associate System Engineer (Analyst)

Jul 2019 - Nov 2020

- Python Automation: Auto filling the editable pdf form with details from the Database.
- Performed data cleaning and created a pipeline to process the data.
- Worked In Predicting the Multi-Labeled Class Classification in Probabilistic and Deterministic approach where for a complaint multiple tags have to predict.

Yobny Tech Solutions

Internship – Front End Developer

Bangalore, India

May 2019 – Jul 2019

- Developed website components as per the designed wireframes.
- Integrated Restful API's in Front End using React JS.
- Helped seniors in debugging their code to improve website performance and user experience.
- Integrated web pages to servers

PROJECTS

- **Ecommerce store:** It is an Ecommerce Store where people can add items to the cart and checkout with payment gateway.
- **Database project:** Designed and developed a database model for connecting customer and local vendors having CRUD functionalities using ReactJS for frontend and PostgreSQL for backend.
- **Quora Question Pair Similarity (From Kaggle dataset):** Quora provides many questions and in this project, we are trying to identify whether the given question is a duplicate or not. So that we can directly suggest the answer.
- **German Traffic Sign Recognition:** It is a categorization with many levels. We must recognize the bounding box of a picture, and then estimate which class the signal belongs to within the bounding box.
- **DonorsChoose approval:** It is a binary text classification of the project proposals from the teachers and predicts whether or not a teacher's project application will be accepted.

INTERESTS

- Full stack development, Programming, Machine learning, Deep learning