**Rohit Sharma .T**

**PROFILE**

I am a self-motivated and hardworking undergraduate seeking an opportunity to work in a challenging environment to prove my problem solving ability through coding and be a valuable asset to the company.

**EDUCATION**

* **B.Tech Computer Science and Engineering**

**CGPA – 6.94 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 87.5% **2019**

Institution:

* **Class 10** – 96% **2017**

Institution:

**TECHNICAL INTERESTS**

Machine Learning, Data Analysis

**PROJECTS**

**Tableau Data Analysis Project on Sales Insights**

- Made a Tableau Dashboard for making sales insights of a hardware company- Performed ETL Operations on the data and extracted it using MySQL.

- Analysed various aspects of the sales of the company including its revenue generation in cities, revenue made by each product, analysed trends of sales of 5 years

**Sports Celebrity Image Classification**

- End to End application of Image classification of sport celebrities and the sport they play.

- Used OpenCV library for face and eyes detection.

- Performed Feature engineering using wavelet transforms  
- Model building using SVM, logistic regression, random forest  
- Exported model to a file and wrote python flask server around it that can handle server http requests generated by UI.

**Real Estate Price Prediction**

- Built a real estate price prediction website.

Performed data load and cleaning, outlier detection and removal, feature engineering, dimensionality reduction, gridsearchcv for hyperparameter tunning,- Matplotlib & Seaborn for data visualization.

- Python flask as the backend  
- HTML, CSS, JavaScript for UI

**Video Conferencing Application**   
- Built a video conferencing web application with real time chat and screen sharing features.

- Used frameworks like Bootstrap and CSS for the UI.

- Implemented a fully efficient backend platform to interact with- WebRTC API services with the help of JavaScript libraries.

**TECHNICAL SKILLS**

Python, JavaScript, HTML, CSS, MongoDB, MySQL, Tableau, Numpy, Pandas, Sklearn, Flask, BeautifulSoup, Matplotlib, Seaborn, Google Cloud Platform

**LANGUAGES**

English, Telugu