MANSI S SULAKHE

Final-Year B.Tech CSE Student | Seeking Software Developer / SDE (Entry-Level)

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📍 Chennai, Tamil Nadu

in LinkedIn

GitHub

Portfolio

SKILL

Personal	AI & Web Framework	Core Skills	DevTools & Deployment
Management Skills	Hugging Face	Problem-solving	Git/GitHub Basics
Time Management	Scikit-learn	Debugging mindset	Docker Basics
Negotiation	Python + FastAPI	DSA via Java	DevOps Basics
Critical Thinking	Java	OOP, DBMS, OS	
Communication Skills	React / Next Js	Computer Networks	
Leadership	SQL / NoSQL Basics	AI & Machine Leaning	

PROJECT EXPERIENCE

Predictive Analytics for Optimizing Ride-hailing Services

January 2025- May 2025

- Currently working on a demand forecasting model that optimizes driver allocation by predicting peak travel times and locations using Python and Scikit-learn.
- Developing a dynamic pricing algorithm that uses Pandas for data manipulation to modify fares in response to real-time supply and demand data.
- Using SQL for effective data retrieval and historical traffic data, a route optimization tool is implemented to reduce waiting times and increase the efficiency of the ride.
- Using Python to analyze driver behavior trends in order to improve training programs and service quality.
- Using Tableau to display the elements driving the experience and retention of riders, a customer satisfaction prediction model is designed using Scikit-learn.

EDUCATION

Vel Tech University
2022-2026

Bachelors of Technology in Computer Science and Engineering
GPA: 8.53/10.00

Velammal Matriculation HSC
2020-2022

Pre-University Education
Grade: 82%(MPC)

Secondary Education
Grade: 73%

LANGUAGES

Marathi- Native | English | Hindi | Tamil | Telugu