

MANSI S SULAKHE

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

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-  Chennai, Tamil Nadu
-  [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	React / Next Js	OOP, DBMS, OS	
Communication Skills	SQL / NoSQL Basics	Computer Networks	
Leadership		AI & Machine Learning	

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