

MANSI S SULAKHE

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

+91 7013858839

mansisulakhe5124@gmail.com |

Chennai, Tamil Nadu

[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

SKILL

Personal

Management Skills
Time Management
Negotiation
Critical Thinking
Communication Skills
Leadership

AI & Web Framework

Hugging Face
Scikit-learn
Python + FastAPI
React / Next Js
SQL / NoSQL Basics

Core Skills

Problem-solving
Debugging mindset
DSA via Java
OOP, DBMS, OS
Computer Networks
AI & Machine Learning

DevTools & Deployment

Git/GitHub Basics
Docker Basics
DevOps Basics

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