

SUSHANK SINGH

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Summary

A dedicated and passionate Computer Science student at VIT-AP University (Batch of 2024) with a strong academic record (CGPA: 9.25) and excellent proficiency in Data Structures and Algorithms. Strongly interested in software development and real-world applications, with a focus on contributing technical and analytical skills to innovative projects, especially in the software and healthcare-tech domains.

Skills

Proficient in DSA, Python Based Frameworks: Django and Flask, Programming Languages: Python, C++, HTML, CSS, SQL, Databases: SQLite, MySQL, Tools & Tech.: Git & GitHub Yahoo Finance API Gemini API, Other: Web Development Real-time Data Handling

Projects

Safe Passage App – Developed during a hackathon, winning first place. Contributed to backend and API development. Built an app that identifies the safest route, not just the fastest, using Mapbox API with potholes, street lights, crowd density, and crime history data. Enabled users to make safer travel choices based on real-world factors.

CareMap – AI-Powered Medical Assistant

Developed a web app that analyzes user symptoms and predicts the most likely medical issue using Gemini API. Integrated features like login/logout, symptom history tracking, and a responsive UI using Flask and SQLite.

Stock Trading Simulator - Simulates real-time stock trading using Yahoo Finance API.

Allows users to view live stock prices, execute buy/sell actions, and track portfolio performance. Built with Flask, REST APIs, and SQLite.

Experience

Fresher - Actively working on real-world projects and exploring internship opportunities.

Education

B.Tech. in CSE | VIT-AP University | 06/2028 | Amravati, AP

86% | Class XII (CBSE) | 04/2022 | Ayodhya, UP

91% | Class X (CBSE) | 04/2020 | Ayodhya, UP

Languages

English, Hindi

Certificates

CS50x (edX) – Completed: [June 2025]