Sombabu Patel

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Profile

Motivated software engineering student with skills in Python, data analysis, and web development. Proficient in Pandas, NumPy, SQL, and Matplotlib. Experienced in developing practical solutions and data visualization.

Education

Jawaharlal Nehru Technological University, Kakinada
B.Tech in Computer Science Engineering   2022 – 2026

Projects

Spotify Review Analysis, SQL ⚬

- Analyzed user reviews of the Spotify app using SQL to extract insights and trends.
- Identified top-rated reviews by filtering for those with a rating of 5.
- Determined the most liked review by sorting based on the number of thumbs-up.
- Calculated the average rating across all reviews to gauge user experience.

Phonebook Management System, Python ⚬

- Developed a fully functional Phonebook Management System in Python, implementing core features such as adding, searching, listing, and deleting contacts.
- Utilized Python's dictionary data structure for efficient storage and retrieval of contact information.
- Designed a modular codebase by organizing functionality into separate functions, enhancing readability and maintainability.

Bank Management System, Python ⚬

- Developed account management features using OOP in Python.
- Implemented deposits, withdrawals, and balance inquiry functionalities.

Certificates

- Crash Course on Python, Coursera
- Introduction to Git and GitHub, Coursera
- Introduction to Front-End Development, Coursera

Skills

Languages: C, Python, SQL
Libraries: Pandas, NumPy, Matplotlib
Web Development: HTML, CSS, JavaScript
Soft Skills: Research, Time Management, Problem Solving

Awards

- 5 Star Gold Badge in Python, HackerRank
- Second place in coding contest, Aditya Engineering College