

Sombabu Patel

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Professional Summary

Computer Science student with expertise in Python, SQL, and web technologies (HTML/CSS/JavaScript). Proven ability to build full-stack applications using Flask and collaborate across teams to deliver robust solutions. Strong problem-solver with excellent communication skills and attention to detail, experienced in version control (Git/GitHub) and deploying applications.

Technical Skills

Languages:	Python, C++, SQL, JavaScript, HTML, CSS
Web Technologies:	Flask, REST APIs, XML/JSON processing
Developer Tools:	Git, GitHub, VS Code, PyCharm, Jupyter Notebook
Data Tools:	Pandas, NumPy, Matplotlib, Excel (Pivot Tables, Charts)
Soft Skills:	Team collaboration, Problem-solving, Clear communication, Detail-oriented

Projects

Resume Matcher – Python, Flask, NLP

[GitHub Repo](#)

- Developed **full-stack web application** using Flask, HTML/CSS that processes resumes and job descriptions via REST API.
- Implemented NLP techniques (TF-IDF, cosine similarity) to match candidates with job requirements.
- Demonstrated ability to work across full technology stack from backend Python to frontend web interface.

Spotify Review Analysis – SQL, Python, Data Visualization

[GitHub Repo](#)

- Performed in-depth analysis on Spotify review data using SQL and Python to extract actionable insights.
- Created visualizations with Matplotlib to present user sentiment and engagement trends.
- Demonstrated data cleaning, querying, and insight communication for business decision-making.

Education

B.Tech in Computer Science and Engineering

Jawaharlal Nehru Technological University, Kakinada
CGPA: 7.29/10

2022 – 2026

Certifications

Crash Course on Python – Google (Coursera)

[Verify](#)

Introduction to Git and GitHub – Google (Coursera)

[Verify](#)

Introduction to Front-End Development – Meta (Coursera)

[Verify](#)