Aanidhya Patidar

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Summary

Third-year Computer Science student with a strong foundation in Data Structures, Algorithms, and object-oriented programming. Passionate about backend development and machine learning, with hands-on experience in building RESTful APIs and data-driven applications. Seeking a challenging internship or role to apply my skills in Python and C++ to solve real-world problems.

Education

Vellore Institute of Technology   *Bhopal, MP*
Bachelor of Technology in Computer Science   *2023 – 2027*
- GPA: 8.49/10.0

Technical Skills

Languages: Python, C++, SQL (Basic)

Frameworks & Libraries: Flask, Pandas, NumPy, Scikit-learn, Matplotlib, Tkinter, BeautifulSoup, Selenium

Developer Tools: Git, GitHub, VS Code, Postman

Areas of Interest: Backend Development, Machine Learning, REST APIs, Web Scraping

Projects

Stock Tracking News Alert   *Python, REST APIs, Flask*
- Developed a backend service that fetches real-time stock data and relevant news using third-party financial APIs.
- Engineered a notification system to alert users via email or SMS when a stock's price changes by a predefined threshold.

Spotify Music Manager   *Python, Flask, Spotify Web API*
- Built a web application to manage user playlists and analyze listening habits by integrating with the Spotify Web API.
- Implemented OAuth 2.0 for secure user authentication and authorization.

Instagram Data Scraper   *Python, BeautifulSoup*
- Constructed a script to scrape public profile data from Instagram, handling page navigation and data extraction.
- Structured the collected data into JSON format for easy downstream analysis.

Certifications

- Oracle Cloud Infrastructure 2025 AI Professional

Languages

- English (Fluent), Hindi (Native)