Saurabh Kumar

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Summary

Final-year Computer Science undergraduate with a strong foundation in Python and software development. Built practical tools like a job application tracker, blog platform, and quiz app using Flask and web technologies. Known for analytical thinking and problem-solving, having solved 650+ DSA problems on LeetCode. I aim to contribute to real-world impactful products through efficient, maintainable code.

Education

Sitamarhi Institute of Technology, Bihar   **2021 − 2025**
B.Tech (Bachelor of Technology) in Computer Science & Engineering   *CGPA: 8.3 / 10*

Sri Chaitanya Techno School, Visakhapatnam, Andhra Pradesh   **2018 − 2020**
Class 12 (CBSE)   *Percentage: 86.8%*

D.A.V Public School, Kanti, Bihar   **2018**
Class 10 (CBSE)   *Percentage: 87.4%*

Projects

Job Application Tracker: A Flask-based Tracker Tool   Source Code
- Developed a job tracker web app with Flask and Bootstrap to log and visualize job applications.
- Integrated Chrome Extension to extract job details from any listing and send data to the backend.
- Helps users track company name, job title, applied date, and test/interview schedules.

Blog Site: A Flask-based Web Application   Source Code
- Built a blog site using Flask, allowing users to create, edit, and delete posts.
- Implemented authentication and authorization using Flask-login for user access control.

Quizzler App: A Python-based GUI Quiz Application   Source Code
- Developed a graphical user interface (GUI) quiz application using Python's Tkinter library.
- Provides real-time feedback and score tracking for multiple-choice questions.

Cheap Flight Finder: A Flight Search Application   Source Code
- Created a Python-based application that retrieves and compares flight prices using APIs.
- Displays the best flight deals with a user-friendly interface.

Technical Skills

Languages: Python
Frontend Technologies: HTML, CSS, Bootstrap
Frameworks & Libraries: Flask, REST APIs
Databases: MongoDB, SQL
Web Scraping & Automation: BeautifulSoup, Selenium
Developer Tools: Git, GitHub, VS Code, Linux (OS)
Core Skills: Problem Solving, DSA, Analytical Thinking, Coding Efficiency, Collaboration, Communication.

Certificates

- **100 Days of Code: The Complete Python Pro Bootcamp** (Udemy)
- **Intro to Machine Learning** (Kaggle) View Certificate
- **Intermediate Machine Learning** (Kaggle) View Certificate

Achievements

- **LeetCode:** Solved 650+ programming problems, demonstrating expertise in algorithms and data structures.
- **Hackathon:** Secured 3rd position in a college hackathon by developing a web-based Mental Health Companion.
- **GSSoC:** Contributed to 30+ open-source projects, improving code quality and functionality.