Rafe Ali Khan

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Summary

Computer Science undergraduate (B.Tech, 2023–2027) with hands-on experience in Python, Data Structures, and full-stack development. Built real-world applications including NLP-based resume analyzers and real-time data dashboards using Flask, APIs, and Plotly. Skilled in SQL, Git, AWS cloud fundamentals, and data analysis. Actively seeking software and data engineering internships.

Skills

Programming: Python, Java, SQL
Web: HTML5, CSS3, JavaScript, Flask
Data & ML: Pandas, NumPy, Matplotlib, NLP, EDA
Tools: Git, Jupyter Notebook, Streamlit, AWS
CS Fundamentals: Data Structures, OOP, DBMS, Operating Systems, Computer Networks

Projects

Resume Analyzer Web App
Developed a resume analysis web application using Python, spaCy, and pdfminer. Improved keyword matching accuracy by ~30% and automated resume scoring using NLP techniques.

Real-Time Weather Analytics Dashboard
Built a live weather dashboard using Flask, OpenWeatherMap API, Plotly, and Streamlit. Processed thousands of API data points and optimized performance for mobile devices.

Experience

Data Science Intern (Python) – IBM Certified Program | Apr 2025 – May 2025
Worked on real-world datasets using Pandas and NumPy. Created visualizations with Matplotlib and Seaborn and implemented basic machine learning workflows.

Education

B.Tech in Computer Science Engineering
Integral University | 2023 – 2027

Certifications

- AWS Cloud Practitioner Essentials
- Introduction to Generative AI Studio
- Microsoft Azure AI Fundamentals
- AWS APAC Solutions Architecture