

Aditya Choudhary

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SUMMARY

A computer science graduate with strong programming skills in Python, Java, and hands-on experience in software development and data-driven problem solving. I enjoy building scalable systems, working with data, and applying technology to solve real-world challenges. With a solid foundation across backend, frontend, and analytical concepts, I am adaptable to diverse technical roles and motivated to continuously learn and contribute to impactful projects.

SKILLS

Programming Languages	Python, Java, C, SQL, R
Tools & Platforms	Github, Jupyter Notebooks, VS Code
Frameworks & Libraries	NumPy, Pandas, TensorFlow, PyTorch, Flask, Spacy
Databases	MySQL, MongoDB, Excel
Concepts & Techniques	Data Analysis, Machine Learning, NLP, Deep Learning

EDUCATION

B.Tech in Computer Science Engineering

Dayananda Sagar University, Bengaluru

- Currently pursuing B-Tech in Computer Science and Engineering at Dayananda Sagar University with a CGPA of **8.39** upto the 6th semester.

PROJECTS

NextLeap - AI-Powered Career Recommender

TypeScript, Python, CSS

[GitHub](#) [Live Link](#)

- Developed an AI-powered career recommendation platform for optimal career path identification.
- Utilized machine learning and natural language processing for personalized recommendations from user profiles and resumes. Integrated reinforcement learning to enhance career suggestions based on market trends.

EcoRisk - Sustainable Credit Risk AI System

Python & Machine Learning Frameworks

[GitHub](#)

- Developed a carbon-aware AI system for credit risk, achieving 100% carbon neutrality through real-time optimization and automatic carbon offsetting.
- Implemented carbon-efficient model training and ESG monitoring, cutting emissions while maintaining secure, compliant operations.

Cross-Lingual Question Answering System

Python & Hugging Face Transformers

[GitHub](#)

- Developed a GenAI-based cross-lingual question answering system using mBERT and mT5 models.
- Built an end-to-end application with a FastAPI backend and Streamlit interface for real-time model output comparison and confidence assessment across languages.

WORK EXPERIENCE

Commonwealth Bank of Australia

Software Developer Intern

01/07/2025 - 31/12/2025

- Completed a 6-month internship focused on AI, Data Engineering, and Cloud technologies. Worked on industry-oriented projects using Python, AWS, React, and Node.js to solve real-world problems.

CERTIFICATIONS

Complete Data Science, ML, DL, NLP Bootcamp

- Acquired advanced skills in Data Science, Machine Learning, Deep Learning, and Natural Language Processing by completing an intensive bootcamp through Udemy.

ACHIEVEMENTS

Hack'n Bad Hackathon Winner

- Achieved 1st place in the highly competitive Hack'n Bad 24-hour Hackathon at Dayananda Sagar University. Demonstrated teamwork and collaboration by effectively coordinating with peers to develop a unique software solution that addressed a real-world challenge.