

# Aditya Choudhary

AI/ML Engineer

[GitHub](#)

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## Summary

I am a dedicated professional specializing in artificial intelligence and machine learning engineering, with strong proficiency in Java and C. My skills encompass both back-end and front-end development, enabling me to tackle complex, data-driven challenges. I strive to foster innovation in AI and automation, contributing to the advancement of technological solutions.

## Skills

Programming Languages  
Core Concepts

R, Python, SQL, C, Java, HTML, CSS, JavaScript  
Machine Learning Algorithms, Data Structures & Algorithms, OOP,  
Database Management Systems, Data Visualization

Tools & Platforms

GitHub, Jupyter Notebooks, VS Code

Frameworks & Libraries

TensorFlow, PyTorch, Pandas, NumPy, spaCy, Spring Boot

Databases

MySQL, MongoDB

## Education

### Junior College in Science (PCMC)

Christ Academy Junior College, Bengaluru

2020 - 2022

- Completed junior college in the PCMC domain at Christ Academy, Bengaluru, achieving a remarkable 93.33%, showcasing strong academic excellence.

### B-Tech in Computer Science and Engineering

Dayananda Sagar University, Bengaluru, Karnataka

2022 - Ongoing

- Pursuing a B-Tech in Computer Science and Engineering at Dayananda Sagar University with a CGPA of 8.2 up to the 6th semester, reflecting solid academic performance.

## Projects

### NextLeap-Parser

Python, HTML, CSS

[GitHub](#)

- Developed an **AI-powered resume parsing tool** for the NextLeap career navigator platform, enhancing user experience and efficiency.
- Utilized advanced **natural language processing (NLP)** techniques to ensure accurate extraction of skills and work experience.
- Streamlined data retrieval from **PDF** and **DOCX** resumes, improving processing speed and reliability for users.

### GlycoCheck

Python, Jupyter Notebook

[GitHub](#)

- Developed a **machine learning** model to predict diabetes risk using diverse health metrics, enhancing early detection capabilities.
- Implemented advanced algorithms to improve screening processes, contributing to proactive health management strategies.

### Realify

Jupyter Notebook, Python, HTML

[GitHub](#)

- Developed a **machine learning-powered** system for detecting fake news, enhancing credibility in information dissemination.
- Engineered a custom transformer to seamlessly fetch live news from **Google News using SerpAPI**, ensuring up-to-date data.

## Certifications

### Spring Boot Course

2024-11-20

- Mastered the fundamentals of Spring Boot, gaining essential skills in building stand-alone, production-grade applications with ease.

### Linux Programming Foundation Certification

2024-01-16

- This certification validates my proficiency in Linux OS principles, including shell scripting and process management, showcasing expertise crucial for AI/ML engineering.

## Achievements

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### Hack'n Bad Hackathon Winner

Dayananda Sagar University

25/04/2025

- Secured **1st place** in the prestigious Hack'n Bad 24-hour Hackathon organized by Dayananda Sagar University, demonstrating exceptional problem-solving skills and innovation under time constraints.