Aditya Choudhary

AI/ML Engineer

GitHub   LinkedIn   LeetCode

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Summary

AI/ML Engineer with a strong foundation in Python, Java, and C, and hands-on experience in back-end and front-end development. Skilled at solving complex, data-driven problems with scalable solutions. Passionate about driving innovation in artificial intelligence and automation to create meaningful technological impact.

Skills

Programming Languages	Python, SQL, C, Java, HTML, CSS, JavaScript, R
Tools & Platforms	GitHub, Jupyter Notebooks, VS Code
Frameworks & Libraries	TensorFlow, PyTorch, Pandas, NumPy, Spring Boot, Flask, Spacy
Databases	MySQL, MongoDB, Excel
Concepts & Techniques	Natural Language Processing (NLP), Artificial Intelligence, Data Analysis

Education

Senior Secondary

Christ Academy Junior College, Bengaluru, Karnataka

- Achieved a stellar **93.33%** in senior secondary education, specializing in the science stream.

B-Tech in Computer Science and Engineering

Dayananda Sagar University, Bengaluru, Karnataka

- Currently pursuing B-Tech in Computer Science and Engineering at Dayananda Sagar University with a CGPA of 8.2 up to the 5th semester.

Projects

NextLeap

TypeScript, Python, CSS   GitHub

- Developed an **AI-powered** career recommendation platform leveraging advanced algorithms for optimal career path identification and **skill gap** analysis.
- Utilized machine learning (ML) and natural language processing (NLP) for personalized recommendations by analyzing user profiles, resumes, and preferences.
- Integrated reinforcement learning techniques to adapt and improve career suggestions based on **evolving market trends**.

Realify

Jupyter Notebook, Python, HTML   GitHub

- Developed a **machine learning model** for **Realify**, improving accuracy in distinguishing between real and fake news articles.
- Implemented a custom transformer to fetch live news from **Google News using SerpAPI** seamlessly.

GlycoCheck

Jupyter Notebook, Python   GitHub

- Developed a **machine learning** model to predict diabetes risk by analyzing various health metrics.
- Improved model performance by extensively training on comprehensive **clinical data** to enhance prediction accuracy and reliability.

Certifications

Spring Boot Course

Beginner, Infosys SpringBoard   *2024-11-20*

- Acquired proficiency in **Spring Boot**, enabling efficient development of standalone, production-grade applications.

Achievements

Hack'n Bad Hackathon Winner

Dayananda Sagar University   *25/04/2025*

- 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.