Aditya Jha
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GitHub: https://github.com/aditya2785

Objective

Enthusiastic and motivated software engineering student at IIT Madras with hands-on experience in full stack development, cloud computing, and data-driven solutions. Proven ability to optimize operational efficiency at Duallush Designs and contribute to high-impact projects like Harvard's Tic Toc. Seeking to leverage Python, Go, AWS, and Linux expertise in HENNGE's Global Internship Program to grow as a cloud software engineer in an international environment.

Education

Indian Institute of Technology Madras (IITM) — Bachelor of Science in Data Science and Applications
July 2024 – Present (Expected 2027)

- **Relevant coursework: Data Structures & Algorithms, Cloud Computing, Software Engineering**

- **Completed Linux Fundamentals course by IIT Madras**

Technical Skills

- **Programming Languages: Python, Go (basic), JavaScript (TypeScript)**

- **Frameworks: Flask, React, Vue.js (basic)**

- **Cloud & DevOps: AWS (EC2, Lambda, S3), Docker, CI/CD, Infrastructure as Code basics**

- **Databases: MySQL, MongoDB**

- **Operating Systems: Linux, MacOS, Windows**

- **Tools: Git, VS Code, Jupyter Notebooks**

Experience

Data Science Intern — Duallush Designs, Noida
Jan 2025 – May 2025

- Analyzed manufacturing data to identify bottlenecks and inefficiencies.

- Developed data-driven models and dashboards that improved production efficiency by 15%.

- Collaborated with cross-functional teams to streamline operations using Python and data visualization tools.

Projects

Tic Toc — Harvard Project (GitHub)

- Contributed to a collaborative Harvard open-source project involving full stack application development using Python and React.

- Implemented key backend API features and frontend UI components to enhance user experience.

AI-Powered Resume Analyzer & Job Matcher

- Built a web app that parses resumes and matches job descriptions using AI scoring models.

- Developed backend services using Flask and deployed on AWS EC2.

- GitHub: https://github.com/aditya2785/resume-analyzer

Manufacturing Operations Dashboard

- Designed interactive data visualizations with Python libraries to monitor key performance indicators for manufacturing.

Certifications

- Linux Fundamentals — IIT Madras

- Python for Data Science — IIT Madras

- AWS Cloud Practitioner (in progress)

Activities & Interests

- Contributor to open source Python projects on GitHub

- Passionate about cloud computing, DevOps practices, and full stack software development