

Aditya Mohite

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PROFILE

Third-year **B.Sc. Computer Science Student** with a strong foundation in Programming and a growing interest in Machine Learning, Backend Development. Actively seeking part-time or full-time opportunities to apply technical skills in real-world projects and enhance my learning through practical experience.

I am documenting progress and insights through posts on [LinkedIn](#), feel free to review them for detailed examples of my progress.

SKILLS

- **Programming Languages:** Proficient in Python and C++ with solid understanding of object-oriented programming principles
- **Machine Learning:** Familiar with **Pandas**, **NumPy**, **Scikit-learn**, and introductory **PyTorch**.
- **Backend Development:** Working knowledge of Django for building backend services and APIs. Currently exploring **Flask** and **FastAPI** to broaden understanding of Python-based web frameworks and improve flexibility in backend development.
- **AI Tooling:** Exploring **LangChain** and **LangGraph** through hands-on experimentation in personal projects.
- **Web Development:** Basic proficiency in **HTML**, **CSS**, and **JavaScript**.

PROJECTS & EXPERIENCE

- **LangGraph Intent Based Chat System**
 - Designed and implemented a backend system for a campus canteen platform featuring chat-based food ordering and vendor management. Built RESTful APIs using Python to handle order flows, user interactions, and menu management, with MongoDB used for persistent data storage.

Integrated LLM-powered conversational logic using LangGraph and Gemini API to enable natural language-based ordering and query handling. Focused on backend architecture, data modeling, and API reliability to support scalable and interactive user workflows.
 - Github Repository : <https://github.com/AdityaMohite47/CampusCanteen-BE>
 - Demo : [Youtube](#)
- **Machine Learning Projects with Scikit-learn and Pytorch**
 - Completed multiple capstone exercises using real-world datasets from **Kaggle**, Built predictive models using **Supervised Learning** techniques. [Jupyter Notebooks Here](#)
 - Pytorch Learning Progress : [GitHub Repository](#)

- **Django Backend + Gemini API Integration**
 - Participation in Google's Gemini API Contest (Yr.2024), Written the Django Backend with Gemini's LLM integration via their API | [Submission Video](#)
- **LangChain and LangGraph**
 - Basic LangChain Implementation : [GitHub Repo](#)
 - Basic LangGraph Implementation : [GitHub Repo](#)

EDUCATION

- **B.Sc. in Computer Science**

Karmaveer Bahurao Patil College, Vashi

Aug 2023 – Present

- **Higher Secondary Education (HSC)**

K.V. Pendharkar College of Arts, Commerce & Science

Aug 2021 – Apr 2023

- **Certifications**

- Python for Machine Learning & Data Science Masterclass – Udemy | [Certification](#)

GOALS & LEARNING DIRECTION

- Currently deepening understanding of LangGraph, LLM workflows, and backend frameworks.
- Interested in internships or entry-level roles involving **machine learning, backend development, or AI tooling**
- Eager to contribute to collaborative projects while continuously improving technical and problem-solving skills