Aditya Yuvraj Patil

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Profile

Second-year B.Tech student specializing in Artificial Intelligence and Machine Learning with strong foundations in Python, full-stack web development, and AI fundamentals. Hands-on experience building and deploying a full-stack e-commerce platform with AI-driven features. Seeking an internship to apply analytical thinking and engineering skills in real-world technical environments.

Education

B.Tech – Artificial Intelligence and Machine Learning   **CGPA: 8.00**
Zeal College of Engineering and Research, Pune
Second Year – Semester III

Technical Skills

- **Programming Languages:** Python, C, C++
- **Web Technologies:** HTML, CSS, React, TypeScript (TSX), JSON
- **Databases:** MongoDB
- **Concepts:** Object-Oriented Programming, Data Structures (Basic), Machine Learning Fundamentals
- **Tools:** Git, GitHub, Firebase

Project

Glow-core – Full-Stack E-Commerce Web Application

- Developed a full-stack e-commerce web application using React, TypeScript, Firebase, and MongoDB as a solo developer.
- Implemented AI-powered product search and personalized recommendation features to enhance user experience.
- Designed advanced product catalog functionality with filtering, wishlist, cart, and multi-step checkout flow.
- Integrated secure user authentication with profile management and order history.
- Deployed the application and validated functionality through real-user testing and faculty evaluation.

Certifications

- Microsoft Learn – Introduction to Machine Learning Concepts
- Microsoft Learn – Introduction to Generative AI and Agents
- Microsoft Learn – Model Selection and Deployment using Azure AI Foundry

Hackathons & Activities

- **Smart India Hackathon 2025** — Frontend Developer
  Qualified as *College Finalist* in internal evaluation round

- **DataQuest Hackathon (Online Round)** — Participant
  Organized by IIT Kharagpur via Unstop

Areas of Interest

Artificial Intelligence, Machine Learning, Software Development, Web Technologies, Problem Solving