

Abhishek Kumar

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About Me

Developer who enjoys building reliable backend systems and practical AI powered features. I focus on creating full-stack products from scratch with clean, maintainable architecture and strong attention to real world usability.

Education

Indian Institute of Technology Madras
BS in Data Science and Applications

May 2024 – May 2028

Skills

- **Language:** Python, C, Javascript, HTML/CSS
- **Framework/Library:** Vue.js, Flask, Pandas, PostgreSQL, Jinja2
- **Tools:** Git, GitHub, VS Code, Google Cloud Platform
- **Database:** PostgreSQL, SQLite, MySQL
- **AI tools:** Crew AI, Make.ai, n8n

Experience & Projects

Hospital Management System (Flask)

Role-based hospital operations and appointment management system.

Tech / Role:

- Developed a Flask-based system with Admin, Doctor, and Patient modules.
- Implemented patient records, doctor management, and appointment scheduling.
- Added treatment history tracking using SQLAlchemy with SQLite.

Learnify – AI Learning Roadmap Platform

AI tool that generates personalized daily learning roadmaps.

Tech / Role:

- Built an AI system generating custom learning plans based on user goals.
- Added adaptive tasks, roadmap tracking, and progress analytics.
- Designed a clean responsive interface from scratch.

Achievements

- Secured **2nd Place** in the **Prompt2Motion** event at **IITM Paradox**, creating an AI storytelling video.