

Adityan

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SKILLS

- **Languages:** JavaScript (ES6+), C++, Java
- **Frameworks:** Node.js, Express.js, FastAPI, REST APIs,
- **Tools/Platforms:** Git, GitHub, Postman, Render, Vercel, VS Code, Figma
- **Skills:** Data Structures and Algorithm, Full-stack development, Aptitude skills

PROJECTS

CampusFix – Backend Complaint Management System [Link](#) Jun 2025

- Engineered and deployed a role-based complaint management system with 10+ backend endpoints using Node.js and Express.js, supporting 3 user types and complaint lifecycle, demonstrating strong object-oriented design and scalable architecture with live user impact.
- Secured backend with JWT authentication, role-based access control, and object-oriented Mongoose models structured via controller-service separation and middleware.
- Automated complaint escalation using node-cron with email alerts and PDF reports, showcasing problem-solving skills and proactive system monitoring aligned with startup agility.

Feature Discovery Assistant – AI-Powered Feature Query System [Link](#) May 2025

- Developed and deployed FastAPI backend integrating AI-powered semantic search and fallback mechanisms, ensuring scalable and maintainable code aligned with startup agility.
- Integrated ChromaDB + HuggingFace embeddings for semantic search, with fallback routing to GPT-3.5 (via OpenRouter API) for unmatched inputs, simulating intelligent assistants in SaaS.
- Designed modular service layers with scalable API routing, supporting future backend memory with persistent chat sessions and state management.

AI Safety Incident Dashboard – Interactive Front-End Web Application [Link](#) May 2025

- Developed a responsive AI Incident Dashboard using HTML, CSS, and TypeScript, enabling dynamic filtering, sorting, and expandable views—improving data accessibility by 60%.
- Engineered interactive UI components (filter/sort dropdowns, form validation, state-based detail toggles) to boost usability and reduce user action time by ~40%.
- Implemented a real-time incident submission form with live DOM updates and clean mobile-first design using Flexbox/Grid, ensuring 100% responsiveness across devices.

CERTIFICATES

- **Google UI/UX Professional Course** Oct 2023
Google professional course – [Certificate Link](#)
 - Completed a 22-week professional program on user interface design and user experience best practices.
- **Prompt Engineering for CHATGPT** Jan 2024
Vanderbilt University – [Certificate Link](#)
 - Studied Prompt Engineering, LLM capabilities, and applied GPT-powered tools in production scenarios.

ACHIEVEMENTS

Founder & CEO of GurukulEd Jun 2024

- Founded and led a startup EdTech platform, applied agile methodologies and worked in cross-functional teams delivering customer-focused products with iterative releases and user feedback integration.
- Bootstrapped product from scratch and raised ₹1,00,000 in seed funding; launched public in 6 months.

EDUCATION

Lovely Professional University <i>Bachelor of Technology - Computer Science and Engineering</i>	Punjab, India 2022 - 2026
Carmel CMI School <i>Intermediate; Percentage: 97.8%</i>	Shoranur, Kerala 2020 - 2022
Carmel CMI School <i>Matriculation; Percentage: 96.2%</i>	Shoranur, Kerala Mar 2020