Roushan Gupta

[redacted] [redacted] [redacted] [redacted] github.com/roushan

Summary

AI-focused software developer and Data Science student with hands-on experience building AI-powered automation, LLM flows, and full-stack applications. Experienced in solving repetitive business problems through practical AI solutions, LLM API integration, and end-to-end product development.

Experience

Physics Wallah — *AI Intern Trainee* *June 2026 – Present*

- Identify repetitive manual workflows in PW's Help and Operations teams and build practical desktop and web-based solutions to automate day-to-day processes and reduce operational effort.
- Built and deployed three production-ready solutions **Notes Verifier**, **Secure Link**, and **Escalation Intelligence Platform**using Python, Gemini, OCR, PDF processing, Google Sheets, and React to automate note verification, video-processing, and escalation-reporting workflows, reducing repetitive manual effort and improving efficiency.

Kivox.in — *Co-Founder & Software Engineer* *Mar 2026 – June 2026*

- Worked on client projects by understanding business requirements, identifying practical technical solutions, developing applications, and delivering working products.

IITM Helper — *Founder & Software Engineer* *Jan 2026 – Present*

- Founded and developed a full-stack platform for the IIT Madras BS student community by identifying student needs and converting them into practical digital solutions.

Chegg Skills (EdifyOnline & AIU) — *AI Prompt Engineering Intern* *May – Jul 2025*

- Developed AI-powered workflows using AWS Bedrock and applied structured prompt engineering techniques to improve LLM-based task execution.

Technical Skills

Programming: Python, JavaScript, TypeScript, SQL, Java
AI & GenAI: Gemini API, AWS, LLM Applications, Prompt Engineering, AI Automation, Agentic Workflows
Full-Stack Development: React.js, Next.js, Node.js, Express.js, Flask, REST APIs
Data & Databases: Pandas, NumPy, PostgreSQL, MySQL, MongoDB, Firebase, Google Sheets
Automation & Tools: Apps Script,Automation, Git, GitHub, GitLab Docker, Postman, GCP

Projects

Escalation Intelligence Platform (EIP) [redacted]

- Built an AI-powered operational intelligence platform that processes Gmail escalation data, classifies issues using an LLM workflow, automates reporting, and provides dashboards for operational decision-making.
- Designed the workflow end-to-end, including data extraction, preprocessing, AI classification, validation, storage, and dashboard visualization.

IITM Helper – Academic Productivity Platform [redacted]

- Built and launched a full-stack platform that brings academic resources and student-focused tools into a unified product for the IIT Madras BS community.

StudyPlus YT – Distraction-Free Learning SaaS [redacted]

- Built a full-stack SaaS application with secure authentication, PostgreSQL data modeling, protected REST APIs, and a focused learning experience.

Education

Indian Institute of Technology, Madras *2024 – Present*
Bachelor of Science (B.S.) in Data Science and Applications

Delhi Public School (DPS), Bokaro, Jharkhand *2021 – 2023*
Senior Secondary (Class XII) **85%**

Saraswati Vidya Mandir (SVM), Munger, Bihar *2019 – 2021*
Secondary (Class X) **95%**

Certifications [redacted]

GitHub Certification — **AI Prompt Engineering (Chegg Skills)** — **Deloitte Virtual Internship**