

Mayank Gupta

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Summary

Software Developer and AI-focused engineer with experience building production systems, Multi-platform and scalable applications with strong design sensibility. Strong in API's, modern frontend frameworks, and LLM-driven solutions with a focus on performance and real-world impact.

Experience

- **Incubr — Software Developer Intern** Jan 2026 – Present
Delhi, India (On-site)
Developed scalable frontend and backend production systems.
Developed end-to-end CRM system and workplace management webapp.
- **FOSS United Dehradun — Core Team** Sep 2024 – Present
Dehradun, India
Created technical content and organized developer events.
- **Blackbox AI — Student Ambassador** Oct 2024 – Present
Worked with LLM tools and promoted AI adoption and education.
- **Freelance Web Developer** Remote
Delivered production-grade web applications for clients.

Projects

- **Musigo — AI Music Discovery Platform** 2025 – Active
FastAPI, RAG, LangChain, ChromaDB
Built natural-language music discovery using AI pipelines.
Implemented semantic vector search and personalization.
- **Personal Website — mynk.site** 2025 – Active
TailwindCSS, Supabase, Vite, Netlify
A retro gaming-inspired portfolio website.
Interactive platform built with Vite, Tailwind, and Supabase backend.
- **Zerodha Inspired Trading Webapp** 2025 – Active
React, TailwindCSS, Supabase, OpenAPI
Trading platform with web + desktop support.

Education

- **DIT University, Dehradun — B.Tech Computer Science** 2022 – 2026
Core Courses: Data Structures, Operating Systems, Computer Networks, Web Development.
- **S.D. Public School** Sep 2019 – Aug 2021
- **Sacred Heart Convent School, Jagadhri** Sep 2006 – Jun 2019
High School

Skills

Languages — Java, Python, TypeScript, JS, SQL
Frameworks — React, Next.js, Vue, Express, FastAPI
AI/ML — RAG, LangChain, ChromaDB, LLMs

Tools — Supabase, Redis, Docker, Git, Node.js
UI/UX — TailwindCSS, ShadCN, Figma
Performance — Lighthouse, Lazy loading