

Vansh Sharma

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PROFILE SUMMARY

Innovative Full Stack Developer with experience building AI-powered web applications and scalable MERN stack solutions. Proficient in integrating Generative AI (Gemini, RAG) into modern web interfaces. Unique advantage in DevOps, enabling the design of secure, production-ready architectures with CI/CD pipelines. Passionate about solving complex data problems through intuitive dashboards and engaging user experiences.

EDUCATION

Roorkee Institute of Technology

Roorkee

Bachelors in Computer Science & Engineering

2021 – 2025

- Hackathons: 1st Place Winner in two University-Level Hackathons (CTF & Python/OpenCV challenge).
- Achievements: 1st (College) & 17th (Worldwide) in InCTF Internationals 2022.

SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, SQL.
- **Frameworks & Web:** Next.js (App Router), React, Node.js, Tailwind CSS, Framer Motion.
- **AI & Data:** Google Gemini API, RAG (Vector Embeddings), LangChain, Recharts.
- **Backend & Cloud:** Supabase (PostgreSQL/Auth), Docker, GitHub Actions, Railway, Linux.

EXPERIENCE

Web Spider Solutions

Noida

Full Stack Developer Intern

Aug 2024 – Mar 2025

- Delivered full-stack web applications for diverse clients using the MERN Stack (MongoDB, Express, React, Node.js), ensuring responsive and user-friendly designs.
- Collaborated with cross-functional teams to streamline release cycles using Git branching strategies, reducing code conflicts by 20%.
- Managed web hosting environments and deployed client applications, ensuring high availability and rapid troubleshooting of production issues.

PROJECTS

[\[Link\]](#) FinSight - AI-Powered Bank Statement Analytics | Next.js, Supabase, Google Gemini Flash

Oct – Nov 2025

- Architected a modern fintech dashboard that automates financial tracking by transforming bank statement PDFs into actionable insights.
- Integrated **Google Gemini 2.5 Flash** to parse and categorize complex transaction data.
- Built a secure backend using **Supabase (PostgreSQL + Auth)** for Google OAuth and encrypted passwords for PDF.
- Developed an interactive frontend with **TypeScript** and **Recharts** to visualize spending trends, deployed via **Docker** on Railway.

[\[Link\]](#) AI Portfolio RAG (Retrieval Augmented Generation) | Next.js, Tailwind, Vector Embedding

Nov – Dec 2025

- Engineered a conversational portfolio site that uses **RAG** to allow recruiters to chat with a "virtual version" of my professional profile.
- Implemented an **in-memory vector store** using cosine similarity to retrieve relevant JSON context (skills, experience) for the **Gemini API**.
- Designed a premium "Glassmorphism" UI using **shadcn/ui** and **Framer Motion**, featuring real-time streaming responses for a seamless user experience.