

Shashwat Vaish

shashwatvaish1@gmail.com — +91 7303202941 — Delhi NCR — Portfolio —

Professional Summary

Full-stack developer specializing in **AI-powered web applications**, with hands-on experience in **LLM integrations**, real-time systems, and scalable backend architectures. Built and shipped production tools handling **5000+ records** and reducing manual workflows by up to **70%**.

Skills

Languages: C++, JavaScript, TypeScript, Python

Frontend/Backend: Next.js, React.js, Tailwind CSS, Node.js, Express.js, FastAPI, REST APIs

Databases: PostgreSQL, MongoDB, MySQL, NeonDB

Tools: Prisma, Mongoose, Docker, Git, Vercel, Postman, Playwright

Core CS: Data Structures & Algorithms, Operating Systems, OOP, DBMS, Computer Networks, System Design

Experience

Full Stack Developer Intern — BPIT

March 2025 – July 2025

- Engineered a schema-driven feedback platform with optimized query pipelines, delivering sub-second analytics over thousands of submissions
- Developed an LLM-powered analytics system (LangChain + LLaMA) for automated sentiment analysis, summarization, and trend extraction, reducing manual review effort by **~70%**
- Collaborated in an Agile team on feature development, code reviews, and cross-functional integration sprints

Projects

Vibecode Editor — Browser-Based Code Execution Platform

[vibe-code-editor.app](#)

- Built a browser-based IDE using **WebContainers** and **Monaco Editor** with an interactive **Xterm terminal**. Enabled execution of full-stack apps entirely in-browser without local setup
- Integrated **Llama-3.1-8B-Instant** via Groq API for inline AI code generation and debugging, reducing context-switching for developers

Sentra — AI-Powered Feedback Management Platform

[feedback.app](#)

- Architected a full-stack feedback platform with dynamic form schemas and a structured query layer handling **5000+ records**
- Built a REST API pipeline (LangChain + Groq API) for sentiment analysis, summarization, and exportable structured reports (CSV/PDF) with trend insights

QuickCompare — Real-Time Price Comparison Engine

[quick-compare.app](#)

- Developed a **FastAPI** backend with async **Playwright** scrapers for live price extraction across Blinkit, Instamart, and similar platforms, with **RapidFuzz** for product name normalization
- Designed an end-to-end data flow (scraper → processing → Redis cache → API → Next.js UI) backed by **Supabase**, significantly reducing repeated query latency

Education

B.Tech, Computer Science Engineering

Sept 2023 – May 2027

Bhagwan Parshuram Institute of Technology, New Delhi

CGPA: 8.12/10

Achievements

- Secured **Top 5** at **Ctrl+Alt+Hack (NSUT)** and **Top 10** at **MAIT Hackathon** out of 100+ competing teams
- Selected for **Smart India Hackathon (SIH)** at college level in **2024 and 2025**
- Solved **400+ problems** on LeetCode; competed at hackathons hosted by **Hansraj College, IIIT Delhi, and Bennett University**