

Shaurya Singh

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SUMMARY

Pre-final year Computer Science Engineering student with hands-on experience in full-stack development, RESTful API design, and scalable backend systems. Proficient in JavaScript, React.js, Next.js, Node.js, MongoDB, and PostgreSQL. National-level hackathon winner with demonstrated ability to ship AI-integrated, production-ready applications. Seeking software engineering internship or entry-level full-stack development roles.

ACHIEVEMENTS

Smart India Hackathon 2025 Winner National Level
Won Smart India Hackathon 2025 — India's largest national hackathon — for **Navjivan**, an AI-powered smoking cessation platform recognized for real-world impact, technical innovation, and scalable architecture.

PROJECTS

Navjivan — AI Smoking Cessation & Wellness Platform [GitHub](#) | SIH 2025 Winner
Built a full-stack mobile health platform (React Native, Expo, TypeScript) with a Node.js/Express.js backend serving RESTful APIs for smoking cessation and fitness coaching. Designed a memory-augmented goal engine using Pinecone vector embeddings (768-dim via Gemini) that retrieves past success patterns to generate personalized daily goals. Integrated OpenRouter API for agentic AI coach chat, meal suggestions, and sport-specific training plans; used Cloudinary for media storage and JWT + bcryptjs for secure authentication.

ChatPDF — AI-Powered Document Chat Platform [Live](#) | [GitHub](#)
Developed a full-stack Retrieval-Augmented Generation (RAG) application enabling natural language querying over uploaded PDF documents. Integrated LangChain, Pinecone, and Google Gemini API to deliver accurate, context-grounded responses. Implemented Supabase for file storage, Clerk for authentication, and built a responsive UI with Next.js and Tailwind CSS.

Cypress — Real-Time Collaborative Workspace SaaS [Live](#) | [GitHub](#)
Built a Notion-style collaborative workspace SaaS where multiple users co-edit documents live with cursors and edits syncing instantly via WebSockets. Supports nested workspaces, a custom rich text editor, and subscription tiers with a billing portal — built with Next.js, Drizzle ORM, and Clerk.

ExecOS — Autonomous AI Executive Assistant [Live](#) | [GitHub](#)
Built an autonomous AI executive assistant that reads a user's unread emails on a schedule, understands intent using an LLM, and acts on their behalf — drafting replies, extracting action items into tasks, and creating calendar events. Orchestrated with the Vercel AI SDK (Groq) and Google APIs, backed by Drizzle ORM on Neon Postgres.

WORK EXPERIENCE

Web Developer & Video Editor — Google Developer Groups (GDG) Noida 2025 – Present
Develop and maintain the community's website, shipping new features and UI updates and fixing bugs to keep it running smoothly for members and event attendees. Also produce and edit promotional and recap videos for developer meetups, while assisting in organizing events and coordinating with organizers to meet deadlines.

EDUCATION

2023 – 2027	B.Tech in Computer Science Engineering, ABES Engineering College	GPA: 7.57/10.0
2022	Class 12th, CBSE Board	88.4%
2020	Class 10th, CBSE Board	93%

SKILLS

Languages	Java, JavaScript (ES6+), TypeScript, SQL
Backend	Node.js, Express.js, REST APIs, JWT Authentication, bcryptjs
Databases	MongoDB, PostgreSQL, Prisma, Drizzle, Pinecone (Vector DB)
Frontend	React.js, Next.js, HTML, CSS, Tailwind CSS
AI & Integrations	Generative AI, LangChain, RAG Pipelines
Tools	Git, GitHub, Postman, Supabase, Cloudinary, Clerk