

Sumit Jha

Full Stack Engineer

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SKILLS

Languages: TypeScript, JavaScript, Python, C++, SQL

Front-End: HTML, CSS, Tailwind CSS, React, Next.js, Vite

Back-End: Node.js, Express, REST APIs, Socket.io, WebSockets, Webhooks, JWT, OAuth

Database & Caching: PostgreSQL, MySQL, MongoDB, Redis, Prisma, Drizzle, Mongoose

DevOps & Cloud: Docker, Vercel, Railway, Render, Github Actions, Linux, Nginx, Cloudflare, Github

Tools: Git, Postman, Cursor, pnpm, GraphQL, Supabase, Firebase

EXPERIENCE

Computer Science Lecturer

June 2023 - Sept 2026
Mumbai, India

Shri Raghubir Jr. College of Science & Commerce

- Taught computer science fundamentals to junior college students.
- Subjects: Number System, Data Structures, Operating Systems, C++, Networking, Assembly Language, and Computer Electronics.

Full Stack Engineer Intern

Feb 2026 - July 2026
Remote

The Boring Education

- Shipped full-stack features on the learning platform with TypeScript, React, Next.js, and Node.js.
- Owned API design, database schemas, and authenticated UI flows used by learners preparing for tech roles.

PROJECTS

IssueFinder [Link](#)

Nov '25 — Jan 26

Tech Stack: TypeScript, React.js, REST APIs, GitHub API

- Built IssueFinder to aggregate live GitHub data and connect developers with relevant open-source projects based on tech stack and skill level.
- Implemented background indexing logic refreshed every 15 minutes to automatically filter out inactive issues using project trust (≥ 50 stars) and activity thresholds.
- Developed automated tagging algorithms to categorize issues by language, topic, and difficulty (Beginner, Intermediate, Advanced)

CodeBattle [Link](#)

Aug '26 — Aug '26

Tech Stack: TypeScript, Next.js, REST APIs, GitHub API, Fastify, PostgreSQL, Drizzle

- Built a 1v1 head-to-head competitive coding platform enabling developers to challenge peers in timed private duels using GitHub OAuth and invite-only room creation.
- Designed a secure, server-validated judging system running hidden test cases to evaluate submissions, manage match clocks, and update ELO ratings reliably on the backend.
- Created a side-by-side code editor interface featuring real-time opponent typing status indicators and automated problem setups to drive competitive user engagement.

ArchitectAI [Link](#)

Sept '26 — Sept '26

Tech Stack: TypeScript, Next.js, REST APIs, Excalidraw, Grok, Gemini

- Developed an interactive, chat-driven tool that transforms project descriptions into structured blueprints and dynamic Excalidraw system diagrams.
- Implemented client-side local storage auto-saving for privacy and instant responsiveness, supporting configurable LLM providers (Gemini/Groq) for blueprint generation.
- Integrated real-time diagram rendering, sequence flows, and step-by-step build guides into a single split-view interface, eliminating context switching between notes and drawing tools.

Open Source Contribution

- [Fixed LinkedIn organization ACL 426 and 403 action errors in Pipedream actions.](#)
- [Fixed an edge case in sanitize-html related to discarded iframe elements.](#)

EDUCATION

BCA: Indira Gandhi National Open University

June 23 - June 26