Suraj Sharma

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github.com/Suraj0791 | surajsharma.me (Portfolio)

Education

Indian Institute of Information Technology, Ranchi Ranchi, Jharkhand
Bachelor of Technology in Electronics and Communication Engineering, Grade: 8.67 Aug. 2023 – May 2027

Holy Cross School, Hazaribagh Hazaribagh, Jharkhand
Senior Secondary Education (CBSE), Percentage: 95% Apr. 2020 – Mar. 2022

Experience

SDE Intern, *SellerSetu* – Remote Oct. 2025 – Present
- Designed and maintained **ONDC-compliant** backend flows in **Express.js**, ensuring request/response contracts across Seller App and Dashboard were consistent with protocol specifications.
- Implemented and iterated on seller-facing experiences using **React, MUI, React Query**, with clear loading/error states and predictable server-state management.
- Owned the end-to-end **Customer Query Management** feature: schema design, API layer, client integrations, and behaviour validation in lower environments.
- Developed **RSF (Reconciliation & Settlement)** views that surface settlement data from multiple APIs, providing a single place for sellers to review transaction outcomes.
- Performed full ONDC flow validation (catalog → order → status → settlement) using Postman and UI tests, documenting edge cases and collaborating with senior engineers to resolve schema and flow inconsistencies.

React.js Developer, *Atom360* – Remote Jan. 2025 – May 2025
- Built a modular, component-based frontend for a data-visualization product using **React.js + D3.js**, including an interactive India map and multiple chart types driven by REST APIs.
- Implemented responsive healthcare dashboards with **Tailwind CSS**, reusing layout primitives and stateful widgets across patient, screening, and analytics views.
- Partnered with backend and design to refine API contracts and UX flows, ensuring that displayed metrics accurately reflected system-of-record data.

Projects

WordNest – Interactive Language Learning Platform 🌐 😺 | *Next.js, React, TypeScript, PostgreSQL, Drizzle ORM, Stripe, Clerk*
- Developed a full-stack learning platform with gamified progress (quizzes, hearts, streaks, leaderboards) to increase user engagement over repeated sessions.
- Implemented back-end logic using **Next.js Server Actions**, Neon (PostgreSQL), Drizzle ORM and **Clerk** for authentication, enforcing access control on lessons and billing.
- Integrated **Stripe** for subscription billing and Vapi AI for voice-based practice, targeting a product-quality experience rather than a simple demo.

Yoom – Real-Time Video Conferencing Platform 🌐 😺 | *Next.js, TypeScript, PostgreSQL, Shadcn/UI, Clerk, Stream*
- Implemented real-time video meetings using **Stream Video SDK**, including screen sharing and recording features suitable for recurring team calls.
- Added authenticated personal rooms, scheduled meetings, and invite-link flows using **Clerk**, persisting metadata in PostgreSQL for later retrieval.
- Built a consistent design system with **Shadcn/UI + Tailwind CSS**, reusing components across landing, lobby, and in-call surfaces.

Technical Skills

Programming Languages: *JavaScript, TypeScript, Python, C++, C, SQL, NoSQL, HTML/CSS*
Frameworks & Libraries: *React, Next.js, Node.js, Express.js, Redux, Zustand, Tailwind CSS, ShadCN, D3.js*
Databases & ORMs: *PostgreSQL, MongoDB, Supabase, Redis, Prisma, Drizzle ORM, Mongoose*
Tools & Platforms: *Git, GitHub, Docker, AWS (EC2, S3), Vercel, Render, Postman, WebRTC, Socket.IO*