

Saumya Jain

Full Stack & MERN Stack Developer

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PROFESSIONAL SUMMARY

Full Stack and MERN Stack Developer with 4+ years of experience designing and delivering scalable web applications, RESTful APIs, and real-time data pipelines. Proficient in MongoDB, Express.js, React.js, and Node.js with hands-on expertise in Next.js, NestJS, PostgreSQL, Redis, Docker, and Kubernetes. Proven track record in microservices architecture, headless e-commerce, and cloud-native deployments. Strong focus on performance optimization, clean code, and production-grade engineering.

TECHNICAL SKILLS

Languages:	JavaScript (ES6+), TypeScript, Python 3, C++
Frontend:	React.js, Next.js (SSR/SSG), Flutter, Tailwind CSS, Sass, HTML5, CSS3
Backend & APIs:	Node.js, Express.js, NestJS, Fastify, REST API, GraphQL, Kafka
Databases & ORM:	MongoDB, PostgreSQL, Redis, Neo4j, OracleDB, Prisma, TypeORM, Sequelize, Mongoose
DevOps & Cloud:	Docker, Kubernetes, AWS, GitHub Actions, ArgoCD, Vercel, CI/CD
CMS & Commerce:	Sanity CMS, Headless E-Commerce, Shopify APIs
Testing & Tools:	Jest, Cypress, Playwright, NX Monorepo, Figma, Jira

PROFESSIONAL EXPERIENCE

Software Engineer – Full Stack & E-Commerce

Izna | Jaipur, RJ | Feb 2026 – Present

- Architected and delivered voscollection.com — a production headless e-commerce platform for a North American medical aesthetics network — using Next.js, NestJS, and Sanity CMS.
- Integrated Sanity CMS as headless content backend enabling dynamic catalog management, structured content pipelines, and real-time updates across clinic and product pages.
- Designed RESTful APIs with NestJS for cart, order, and inventory management flows — ensuring reliability and low-latency performance at scale.

Software Engineer – Full Stack & Backend

Wisflux Tech Labs | Jaipur, RJ | Jul 2022 – Jan 2026

- Built and maintained microservices architecture using NestJS and NX monorepo — improved API response time by 25% and reduced server load by 30%.
- Developed full-stack features using React.js, Node.js, and PostgreSQL across multiple client-facing web applications.
- Engineered an automation module that significantly reduced manual operations and increased overall system efficiency.
- Optimized PostgreSQL queries and indexing strategies, reducing page load times by 35%.
- Implemented Redis caching layers to improve read performance across high-traffic endpoints.

Software Engineer Intern

Celebgaze Media | Jaipur, RJ | Jan 2022 – Jun 2022

- Translated Figma designs into pixel-perfect, cross-platform Flutter screens.
- Integrated REST APIs for authentication flows, dynamic content delivery, and real-time data.

PROJECTS

Vos Collection | voscollection.com

Next.js, NestJS, Sanity CMS, TypeScript, Tailwind CSS, Vercel

- Production headless e-commerce and content platform for a curated network of medical aesthetic clinics across Canada and the US — serving live traffic.

- Built dynamic clinic finder, treatment pages, expert profiles, and editorial content system with Sanity CMS as the structured content backend.

What It Costs | whatitcosts.vercel.app

Next.js, TypeScript, Tailwind CSS, Vercel

- Public-facing AI environmental impact calculator — estimates freshwater consumption of ChatGPT, Claude, and Gemini sessions using peer-reviewed research data.
- Features live updating calculator with regional data centre WUE factors, query-type multipliers, and shareable results — indexed and SEO-optimised.

Job Board & Applicant Tracking System | github.com/saumyajain125

React.js, Next.js, Node.js, Express.js, MongoDB, Mongoose, Redis, Socket.io, AWS S3, Docker

- Full-stack job board with dual roles (recruiter/seeker), JWT auth, and role-based access control — supporting job listings, applications, and recruiter pipelines.
- Implemented Redis caching on listing endpoints and Socket.io real-time status notifications; resume upload pipeline via AWS S3.
- Containerized with Docker and automated deployments via GitHub Actions CI/CD.

Vybee: Code Intelligence Tool

TypeScript, Tree-sitter, Neo4j, MongoDB, Node.js, MCP

- Built multi-language parsers via Tree-sitter with semantic code chunking from AST parse trees.
- Designed embedding invalidation mechanism using git work-tree diffs for efficient vector store updates.

BOSCH: Paperless Line Execution System

React.js, NestJS, PostgreSQL, Node.js, SAP Integration

- Award-winning paperless manufacturing system with real-time data sync; extended with SAP integration.

BOSCH: ESL Manager & CheckSigma

React.js, NestJS, PostgreSQL, OracleDB

- Real-time stock tracking app boosting inventory accuracy by 20%; built KPI dashboard and led plant deployment.

EDUCATION

Bachelor of Science in Computer Science

Anand International College of Engineering | Jaipur, RJ | 2019 – 2023 | GPA: 8.90/10

- Relevant Coursework: Data Structures & Algorithms (C++), DBMS, Linear Algebra, Computer Graphics