

Aarush Tanwar

Senior Full Stack Engineer (React / Next.js / Node.js / AI)

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EXPERIENCE

Rightpoint India (Genpact) January 2022 - Present

Software Engineer (SDE 3)

- Led full-stack development for enterprise clients, architecting scalable and multi-tenant web platforms.
- Integrated Genesys Messenger real-time chat, enabling bot automation, event-driven communication, and handling 10k+ monthly conversations.
- Built location-based experiences using Google Maps APIs with geocoding, clustering, and real-time tracking.
- Implemented secure Stripe payment workflows with tokenized payments, multi-currency support, and webhook-based processing.
- Integrated 3D cloud visualization for interactive product experiences, improving user engagement.
- Worked within microservices architecture using Docker and CI/CD pipelines to reduce deployment time and improve reliability.

Software Engineer (SDE 2)

- Developed RESTful APIs for e-commerce platforms covering product search, order management, and authentication.
- Built responsive React and Next.js interfaces, improving page load performance and UX.
- Implemented Redux-based global state management and API integrations.

Full Stack Developer (Freelance) September 2019 - December 2021

- Built and deployed full-stack SaaS applications using React, Node.js, and Tailwind CSS.
- Integrated Razorpay and Stripe for secure online payments.
- Delivered custom dashboards, admin panels, and authentication systems.

EDUCATION

Master of Computer Application / Manipal University Jaipur

August 2019 - June 2021

Bachelor of Computer Application / Maharishi Arvind College

August 2016 - June 2019

PROJECTS

Verto AI - AI-Powered Customer Support SaaS [Live Link](#)

- Built AI-powered support platform using Next.js 15, Convex, and Google Gemini.
- Implemented context-aware chatbot with knowledge-base search and human escalation.
- Developed embeddable chat widget with persistent sessions and customization.
- Built multi-tenant admin dashboard for conversation management and file-based KB ingestion.

Scalable E-commerce Backend (60+ GitHub Stars) [GitHub](#)

- Designed microservices backend using Node.js, MongoDB, Redis, Docker, and Kubernetes.
- Implemented API Gateway, rate limiting, caching, and CI/CD pipelines.

Shoez Store - Full Stack E-Commerce App [GitHub](#) [Live Link](#)

- Built SSR-based e-commerce platform using Next.js, GraphQL, and TypeScript.
- Implemented authentication, cart, checkout, and responsive UI.

Discooord — Real-Time Discord-Style App [GitHub](#) [Live Link](#)

- Built real-time messaging system using Socket.io, Redis, and WebRTC.
- Implemented 1:1 calls, persistent sessions, and channel-based chat.

TECHNICAL SKILLS

- **Frontend:** React, Next.js, TypeScript, Tailwind CSS
- **Backend:** Node.js, Express.js, TRPC, GraphQL, REST APIs
- **AI:** OpenAI APIs, Google Gemini, RAG pipelines, Vector Search Concepts
- **Database:** PostgreSQL, MongoDB, Redis
- **DevOps:** Docker, Kubernetes, GitHub Actions, CI/CD, Vercel
- **Tools:** Prisma, Drizzle, Zod, React Hook Form, Zustand, Redux