Sudhanshu Lohana

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Summary

Full-stack developer with 2+ years building production web applications using Next.js, React, and the MERN stack. Experience delivering complete solutions from React-based front ends to Node.js/Express backends, including API design, database architecture, and cloud deployment on AWS.

Skills

Technical Stack: React.js, Next.js, TypeScript, Node.js, Express.js, MongoDB, Tailwind CSS, Redux, GraphQL

Cloud & Architecture: AWS (EC2, Amplify, S3), Vercel, SaaS, Microservices, CI/CD, Git, Server-Side Rendering

Integrations & Leadership: WhatsApp Business API, Tata Tele API, Razorpay, Team Leadership, Code Reviews

Experience

Full-stack Developer, Gurucool – Jaipur, India   January 2024 – Present

- **Lead 5-member development team**, implementing code review standards and pair programming practices that improve code maintainability scores by **30%**
- **Build and maintain multi-tenant SaaS platform** empowering 20+ astrologers to create custom-branded storefronts and manage service offerings using React, Next.js, TypeScript, deployed on **AWS Amplify** (frontend) and **EC2** (backend)
- **Develop AI Astrologer Chatbot** (flagship product feature) using **Google Gemini API**, increasing user engagement by 40% and average session duration from 3 to 7 minutes
- **Implement AI-powered support ticketing system** with automated response classification using **Google Gemini**, reducing manual support volume by 65% (from 500 to 175 tickets/month)
- **Integrate Tata Tele voice call API** for real-time consultation booking system with cron-scheduled notifications, processing **1,000+ consultations monthly**
- **Create GraphQL WebSocket dashboard** for **WhatsApp Business API** integration, facilitating targeted messaging campaigns that improve conversion rate by **20%**
- **Launch e-learning platform** with **RESTful API** architecture and admin dashboard allowing content creators to launch courses independently

Projects

Converse AI Chatbot   github.com/Sudhanshu8257/converse

- **Built multi-persona AI chatbot** using Next.js, Node.js, MongoDB, and Google Gemini API, simulating 10+ celebrity personalities with context-aware conversations and custom prompt engineering
- **Implemented SSR and SEO optimization** achieving 92 PageSpeed Insights score and page 1 ranking for "converse ai chatbot" keyword
- **Secured authentication using JWT** with refresh token rotation and rate limiting to prevent unauthorized access

Stack Flow – Stack Overflow Clone   github.com/Sudhanshu8257/StackFlow

- **Developed full-stack Q&A platform** using Next.js, MongoDB, Clerk Auth, and Shadcn UI with markdown editor and full-text search supporting complex queries
- **Optimized MongoDB aggregation pipelines** for reputation calculations, reducing query response time by 35% (400ms to 260ms)
- **Implemented recursive comment threading** with unlimited reply depth and upvote/downvote updates

Education

S.S Jain Subodh College, MCA   2024 – 2026

S.S Jain Subodh College, BCA   2021 – 2024