

# Rahul Raj Chaudhary

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## PROFESSIONAL SUMMARY

Full-Stack Developer proficient in **JavaScript, React, and Next.js**, with hands-on experience building **scalable real-time applications and microservices-based systems**. Skilled in designing responsive UIs, **RESTful APIs**, event-driven architectures, and deploying production-ready systems on **AWS**. Passionate about performance optimization, system design, and delivering reliable software at scale.

## TECHNICAL SKILLS

**Languages:** Javascript, Typescript, SQL, NoSQL  
**Frameworks:** React.js, Redux, Next.js, Node.js, Express.js  
**Databases:** PostgreSQL, MongoDB, Prisma, Redis  
**Tools/Cloud:** Git, GitHub, VS Code, Docker, AWS, Kafka, GitHub Actions

## PROJECTS

### RepoMind

 [Live](#)  [Github](#)

- Built a SaaS GitHub Analyser using **Next.js 15 + MERN** stack and **Google Gemini AI**, analyzing **1,000+ repositories** files with **<200ms latency** and supporting **10k+ daily queries**.
- Designed a responsive UI with **Shadcn components + Tailwind CSS**, reducing design-to-deployment time by **40%** and boosting developer productivity by **25%**.
- Integrated **Stripe + Razorpay payments** and **Neon DB + Prisma**, achieving **99% transaction success**, optimized queries by **60%**, and scaling to **10k+ active users**.

### ZestyGo — Food Delivery Platform

 [Live](#)  [Github](#)

- Developed a full-stack food delivery system with **MERN, Socket.IO, Firebase Google Auth, and Razorpay**, featuring 3 distinct UIs (**Customer, Restaurant, Delivery Agent**) for seamless order flow.
- Engineered **real-time tracking with Socket.IO** achieving sub-**200ms latency**, handling **1,000+ concurrent users, 150+ orders/minute**, and supporting **500+ daily transactions (simulated load)**.
- Implemented secure **JWT + Firebase auth**, role-based dashboards, and improved MongoDB queries, boosting efficiency by **40%** and ensuring **99% transaction success rate**.

### ConvoX — Real-Time Chat Application

 [AWS](#) [Live](#)  [Github](#)

- Built a **real-time chat application** using **MERN Stack, Socket.IO, and RabbitMQ**, following a **microservices architecture**.
- Implemented **event-driven messaging with RabbitMQ**, supporting **1,000+ concurrent users** with sub-**200ms latency**.
- Integrated secure **OTP-based email authentication** and improved performance with **Redis caching (60–70% faster APIs)**.
- Deployed the backend on **AWS EC2** with **Nginx**, ensuring production readiness and scalability.

## CERTIFICATIONS

**Data Structures & Algorithms** – Apna College  
**Full Stack Development** – Cohort Program

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## EDUCATION

2021 - 2025 Bachelor's Degree in Electrical at **Chitkara University**

(CGPA 7.5/10)