

RAHUL ROY

Senior Full-Stack Engineer | Technical Lead

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PROFESSIONAL SUMMARY

With 8 years of experience architecting scalable web solutions for thousands of global users. Expert in full-stack development (Node.js, React, AWS) and distributed system design. Proven track record of working with cross-functional teams across India, Germany, USA, and Italy, conducting technical hiring, and driving performance optimizations.

In my day-to-day work, I've used AI assistants/agents to speed up writing, debugging, and code review, and I've gained hands-on experience with Claude, ChatGPT, and Gemini APIs.

TECHNICAL SKILLS

Languages

JavaScript (ES6+), TypeScript, Node.js, HTML5, CSS3

Backend & Database

Express.js, Sails.js, MySQL, MongoDB, Redis, REST API

Architecture & APIs

Microservices, Twilio (Voice/Chat), Stripe Payment, WebSockets (Socket.io), OAuth, JWT

Frontend

ReactJS, Vue.js, NuxtJS, Tailwind CSS, Bootstrap

Cloud & DevOps

AWS (EC2, S3, Lambda, Route53), CI/CD (GitHub Actions), Linux Administration, Nginx

Leadership

Agile/Scrum, Technical Recruitment, Performance Reviews, Remote Team Management

PROFESSIONAL EXPERIENCE

Senior Software Engineer, GoGroup (Remote)

07/2021 – 10/2025

Noida, Delhi NCR

- **Global Scale & Architecture:** Managed technical delivery for projects deployed in European, US, and Chinese markets, serving thousands of users with high availability and low latency.
- **Team Leadership:** Led technical hiring cycles and conducted half-yearly performance reviews to mentor junior engineers and maintain high code quality standards.
- **DevOps Transformation:** Architected and implemented CI/CD pipelines for multiple projects using GitHub Actions, streamlining deployment processes for a fully remote, distributed team.
- **Omnichannel Integration:** Engineered a comprehensive communication platform by mastering Twilio services (Voice, Web Chat, WhatsApp) and integrating them with Salesforce, MS Dynamics, and HubSpot AI bot.
- **System Design:** Designed robust backend workflows including IVR routing, serverless functions, and asset management to handle complex customer support scenarios.
- **Analytics Dashboard:** Built feature-rich dashboards for agents and admins using ReactJS and Node.js, providing real-time sales handling and insight reporting.

Freelance Backend Engineer, HungerTales (Non-Profit)

12/2020 – 06/2021

New Delhi

- Collaborated with an Australian organization to develop the backend architecture for a food donation and delivery application.
- Implemented secure authentication and phone number verification systems for both web and mobile applications using Firebase.

Full-Stack Developer, RAx Labs Inc. (Early Startup)

10/2017 – 12/2020

Gandhinagar, Gujarat

- Cost Optimization: Audited 3rd-party services and server usage, achieving a 20% reduction in AWS billing by redistributing database and server loads.
- Product Modernization: Led the revamp of the core web application from scratch, coordinating directly with upper management and product teams to enhance user experience.
- Scalability: Established an automated email marketing system capable of sending bulk newsletters to 10,000+ users with granular interaction tracking.
- Monetization: Integrated Stripe payment gateway to successfully launch a recurring, subscription-based revenue model.
- Reliability: Created a proactive server failure notification system to minimize downtime and improve incident response times.

EDUCATION

Post Graduate Diploma in IOT,

2016 – 2017

Centre for Development of Advanced Computing (C-DAC)

Pune, Maharashtra

Bachelor of Technology (B.Tech), Shri Mata Vaishno Devi University

2012 – 2016

Jammu, J&K

LANGUAGES

English

Professional

Hindi

Native

Bangla

Native

HOBBIES

• Watching Documentaries

• Trekking

• Swimming