

Rohit Kumar

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[GitHub](#) | [Portfolio](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

MERN Stack Developer experienced in building scalable, real-time, and SEO-friendly web applications with React, Next.js, and Node.js. Skilled in REST APIs, JWT authentication, WebSockets, and backend optimization using Redis and rate limiting. Comfortable setting up CI/CD pipelines for automated builds and deployments. Strong focus on performance, security, and efficient data handling, with hands-on freelance experience delivering production-ready applications directly to clients.

TECHNICAL SKILLS

Languages: JavaScript (ES6+)

Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS

Backend: Node.js, Express.js

Database: MongoDB, Mongoose, Redis

DevOps & Tools: Git, GitHub Actions (CI/CD), Postman, Vercel, Cloudinary, Firebase

Core: REST APIs, JWT, WebSockets, Rate Limiting, MVC, Pagination, RBAC, SEO (technical & on-page)

FREELANCE EXPERIENCE

Freelance MERN Stack Developer / *Direct Clients* / 3 Months

- Delivered 5 web applications for direct clients — 1 full-stack MERN application and 4 frontend applications built with React and Next.js
- Built responsive, SEO-optimized frontends in React and Next.js to improve search visibility and page load performance
- Set up CI/CD pipelines for automated builds and deployments, reducing manual release effort and turnaround time
- Designed and integrated REST APIs with JWT authentication and role-based access control across projects
- Managed client communication, timelines, and revisions independently across all 5 engagements

PROJECTS

ChatNova – Real-Time Chat Application

chat-nova-frontend-4nna.vercel.app

- Built scalable real-time chat app using Socket.IO (messaging, reactions, replies)
- Implemented JWT authentication with secure, persistent sessions
- Reduced login API latency by ~40% (1.2s → 700ms) using Redis pipelining and server region optimization (US → Singapore)
- Improved frontend performance via React lazy loading (code-splitting) to reduce initial bundle size
- Optimized data handling using aggregation, pagination, and efficient user fetch strategies
- Implemented push notifications, centralized error handling, and request validation (express-validator) for reliability and security

Recipe Riot – Recipe Sharing Platform

recipe-riot-frontend-aed5.vercel.app

- Developed full-stack platform with authentication, likes, and comments
- Implemented RBAC for secure user role management
- Added search and filtering to improve user experience
- Integrated Cloudinary for image uploads and storage
- Built responsive UI using React and Bootstrap CSS

EDUCATION

Bachelor of Computer Applications (BCA) — 81% (2020–2023)

Intermediate — 92%

High School — 86%