Rohit Kumar

Full Stack Developer

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Summary

Versatile Full Stack Developer with experience in building scalable web applications using MERN stack. Strong understanding of API design, DevOps, and cloud deployment. Focused on delivering maintainable and efficient code that enhances performance and user experience.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, SQL
Frontend: React.js, Next.js, Tailwind CSS, Redux Toolkit, Bootstrap
Backend: Node.js, Express.js, RESTful APIs, WebSockets
Databases: MongoDB, MySQL, Redis
Cloud & DevOps: Docker, AWS EC2, GitHub Actions, Nginx, PM2
Other: Authentication (JWT, OAuth2), CI/CD, Testing (Jest)

Education

SRM Institute of Science and Technology, Chennai   *B.Tech in Computer Science and Engineering*
Aug 2021 – May 2025
CGPA: 8.48/10
Relevant Coursework: Data Structures, Databases, Web Programming, Cloud Computing, SDLC

Experience

Full Stack Developer Intern — DevVerse Labs, Pune   *Dec 2024 – Apr 2025*

- Designed and implemented a certificate management platform using MERN stack with dynamic dashboard and authentication.
- Integrated Stripe API for secure payments and implemented server-side validation.
- Automated deployments with Docker and GitHub Actions on AWS EC2.
- Increased application uptime by 35% using PM2 and process clustering.

Software Intern — PixelByte Technologies, Chennai   *Jun 2024 – Sep 2024*

- Created REST APIs for user management and notifications.
- Migrated backend from monolithic Express to modular microservices.
- Deployed web apps using AWS Elastic Beanstalk and configured HTTPS with Route53.

Projects

StudySphere — MERN, Redux, Firebase Auth

- Developed a collaborative study portal enabling students to share notes, host discussions, and schedule tasks.
- Integrated real-time chat with WebSockets and notifications via Firebase Cloud Messaging.

E-Commerce WebApp — Next.js, Node.js, Stripe

- Built a full-stack shopping platform with secure checkout and admin analytics dashboard.

Achievements

- Winner — SRM CodeSprint Hackathon 2024 (E-commerce AI Automation).

- Top 5 in AWS Cloud Builders 2024 at SRM.

- Published technical blog "Optimizing React Rendering" with 20k+ views on Medium.

Certifications

- Full Stack Web Development — Udemy (2023)

- AWS Cloud Practitioner — AWS (2024)

- Advanced JavaScript — Coursera (2022)

Leadership & Extracurriculars

- Technical Lead, SRM Web Club — Organized workshops on API Design and Git.

- Volunteer, National Service Scheme (NSS) — Managed digital outreach.

- Mentor, SRM Hackathon 2024 — Guided 30+ junior participants in full-stack development.