

Rohit Ranjan

Noida

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EDUCATION

KL University

Bachelor of Technology in Computer Science Engineering

Aug 2022 – May 2026
CGPA: 9.21/10
Relevant Coursework: Web Development, Data Structures & Algorithms, System Design, DBMS, CNS, Software Engineering, User Experience Design

Amity International School

Senior Secondary Education

2012 – 2022

CGPA: 7.9/10

EXPERIENCE

Blurock Ionic

Software Development Intern

Jan 2025 – May 2025

Remote

- Architected and implemented responsive UI/UX designs for primary website components, resulting in measurable improvements in user engagement metrics.
- Optimized backend infrastructure and API endpoints, achieving **40% reduction** in server response times through efficient code refactoring.
- Collaborated effectively within **Agile/Scrum frameworks**, utilizing advanced Git workflows and implementing robust **CI/CD pipeline** strategies.

Crickbuster

Software Engineering Intern

Summer 2025

Remote

- Developed scalable and responsive frontend interfaces using **React.js** and **Next.js**, ensuring cross-device compatibility and performance optimization.
- Designed and implemented reusable UI components and layouts using modern **JavaScript (ES6+)** practices.
- Contributed to system architecture design discussions, focusing on frontend scalability, state management, and modular component structure.
- Collaborated with backend and design teams to translate requirements into high-quality, production-ready features.

PROJECTS

Notaify

AI-Powered Error Monitoring Middleware

- Developed an intelligent Express middleware for real-time error and warning monitoring with automated email alerts and **AI-powered fix suggestions**.
- Integrated support for multiple AI providers (**OpenAI, Claude, Gemini**) to generate actionable debugging insights and code-level recommendations.
- Designed rate-limiting and professional HTML email templates to ensure reliability, prevent spam, and enhance alert readability.
- Stack:** Next.js, OpenRouter, Node.js, Express.js, PostgreSQL, Prisma, Nodemailer, Gmail SMTP

MedCap Healthcare Platform

AI-Powered Medical Solution

- Engineered intelligent medical document analysis system using advanced AI algorithms to generate personalized healthcare recommendations.
- Implemented secure authentication infrastructure with **JWT tokens**, integrated **Firestore cloud storage**, and developed comprehensive admin dashboards.
- Stack:** MongoDB, Express.js, React.js, Node.js, Google Gemini API, Firebase, Vercel

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Python, Java, C

Frontend Technologies: React.js, Next.js, Tailwind CSS, Bootstrap, Material-UI

Backend Technologies: Node.js, Express.js, FastAPI, Spring Boot, REST APIs

Database Systems: MongoDB, MySQL, PostgreSQL, Firebase Firestore, Cloudinary

Development Tools: IntelliJ IDEA, VS Code, Postman, Docker, Git, GitHub Actions, Vercel, AWS (EC2, S3, Lambda)