

Rohit Raj

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PROFESSIONAL SUMMARY

Full-Stack Developer with skills in MERN, Next.js, and scalable web architecture. Proven ability to build performant UIs and deliver robust, maintainable solutions in agile environments.

WORK EXPERIENCE

SDE Intern – AstratectAI

Remote Jul 2025 – Present

- Architected and deployed scalable web applications using **Next.js**, **Tailwind CSS**, and REST APIs, improving load performance by 30%.
- Spearheaded development of reusable UI components, accelerating feature delivery cycles by 20%.

Open Source Contributor – Timechain Labs

Remote Jun 2024 – Feb 2025

- Delivered over **70 pull requests** to a blockchain-based certificate issuance platform with a modular, test-driven codebase.
- Ranked in the top 0.1% of 2,000+ global contributors during **TSOC 2024** for consistent contributions and code quality.
- Streamlined backend services and API integration, improving certificate generation speed by 25%.

Frontend Developer Intern – Cerebry

Remote Aug 2022 – May 2023

- Engineered responsive dashboards using **React** and **Redux**, enhancing cross-device UX and reducing bounce rate by 18%.
- Optimized frontend performance via lazy loading, bundle splitting, and Lighthouse audits, cutting page load time by 25%.
- Collaborated with backend developers and product designers to launch new learning analytics modules ahead of deadlines.

PROJECTS

AI Car Marketplace – AI-Powered Car Buying Platform

- Developed an AI-driven car marketplace using **Next.js 15**, Tailwind, Prisma, and Supabase, enabling real-time listings and transactions.
- Integrated **Google Generative AI** for automated car description generation, improving seller onboarding by 35%.
- Deployed a conversational AI chatbot to assist users with search queries, boosting engagement by 20%.

Vanisaar – Real-Time NLP Assistant

- Built a real-time text assistant using **React** and third-party NLP APIs for summarization, synonym lookup, and vocabulary building.
- Enhanced user learning efficiency by 30% via intelligent suggestion modules and contextual interactions.

Qezee – Full-Stack Quiz Platform (MERN)

- Engineered a scalable quiz platform using **React**, **Redux-Saga**, and Node.js, supporting live leaderboards and offline mode.
- Implemented **JWT authentication**, email verification, and secure session management, reducing unauthorized access by 40%.
- Built a batch-wise analytics dashboard for educators, improving insights into student performance trends.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, Java, Python

Frontend: HTML5, CSS3, JS, React.js, Next.js, Svelte, Redux

Backend: Node.js, Express.js, REST APIs, TRPC, Middleware

Databases: MongoDB, MySQL, Firebase, PostgreSQL

Tools: Git, GitHub, Postman, Docker, VS Code, TRAE, Cursor AI, CLI, Figma

CS Fundamentals: DSA, OOP, DBMS, OS, Networking

EDUCATION

- **Bachelor of Technology (B.Tech), Computer Science**

2022 – 2026

ARKA JAIN University, Jharkhand

CGPA: 9.44 / 10

ACHIEVEMENTS

- Gold Medalist in Diploma (Computer Science) with 9.35 CGPA.
- Selected for prestigious **TSOC Program (Contribution Phase)** among top global contributors.