

Rohit Raj

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PROFESSIONAL SUMMARY

Software 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 – Nov 2025

- 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

Samarthya AI – AI-Powered IDP Creation

- Built an **AI-driven succession planning platform** using Node.js, Prisma, and a Python ML service to generate **6,000+ personalized IDPs per hour**, reducing manual HR effort by **80%**.
- Developed a **data-driven IDP recommendation engine** leveraging performance scores, ADC assessments, and 9-Box matrix positioning to produce consistent two-line action plans.
- Implemented **bulk IDP generation and role-based dashboards** (HR, SPC, Employee), improving leadership readiness tracking efficiency by **30%**.

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

- **Polytechnic (Diploma), Computer Science**

2020 – 2023

ARKA JAIN University, Jharkhand

CGPA: 9.35 / 10

ACHIEVEMENTS

- Gold Medalist in Diploma (Computer Science) with 9.35 CGPA.
- Selected for prestigious **TSOC Program (Contribution Phase)** among top global contributors.
- Won 1st prize in Smart India Hackathon Internals.
- In the Grand Finale of SIH Smart India Hackathon 2025.

LETTER OF RECOMMENDATION

- **Timechain Labs:** [View Letter](#)

- **Arka Jain University (Dean):** [View Letter](#)