

# Rohit Raj

 RohitRaj766 |  rohitraj2k04 |  portfolio website |  rohitraj2k04@gmail.com |  +91 7667158349

## 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

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**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

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- 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

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- 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

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