Rajon Dey

Module Lead (Frontend) | Senior Software Engineer

Bangladesh • Open to Remote & Global Roles
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Professional Summary

Frontend-focused Module Lead and Senior Software Engineer with 6+ years of experience building and maintaining production web applications for global clients. Strong background in React, Next.js, and TypeScript, with hands-on full-stack experience using Node.js and Python (FastAPI) in production systems. Own frontend architecture, contribute to backend APIs and integrations, and work closely with cross-functional teams on healthcare and SaaS platforms. Looking for remote-first or relocation-ready roles where strong frontend ownership and growing full-stack capability are valued.

Technical Skills

Frontend Technologies
- Frameworks & Libraries: React.js, Next.js (App Router), TypeScript
- State & Data Handling: Redux, Context API
- Styling & UI: Tailwind CSS
- Quality & Performance: Web Performance Optimization, Accessibility (a11y), Web Vitals

Backend Technologies
- Languages & Frameworks: Node.js (Express.js), Python (FastAPI – production usage)
- API Design: REST APIs, GraphQL

Databases
- PostgreSQL, MongoDB, MySQL, Redis (Caching)

DevOps & Cloud Platforms (Foundational)
- AWS (EC2, S3)
- Docker, CI/CD, GitHub Actions
- Vercel, DigitalOcean

CMS & Platforms
- Contentful (Headless CMS)
- WordPress, Shopify

Leadership & Collaboration
- Frontend Architecture Ownership
- Mentorship & Code Reviews
- Agile Delivery & Technical Estimation

Work Experience

Module Lead (Frontend) | SJ Innovation LLC | May 2019 – Present
- Module Lead within a cross-functional delivery team, owning frontend architecture and contributing to overall system design.
- Built and maintained production web applications using React, Next.js, and TypeScript for enterprise and healthcare clients.
- Contributed to backend APIs and integrations using Node.js and Python (FastAPI), including data models, authentication flows, and service communication.
- Supported cloud deployments and CI/CD workflows using AWS and GitHub Actions.
- Led technical discovery and estimation for frontend and full-stack features.
- Mentored engineers through code reviews and sprint execution; participated in technical interviews.
- Improved application performance and stability, achieving ~30% load-time reduction on production systems.

Software Developer (Freelance / Contract) | 2015 – 2018
- Built and delivered client-facing web applications for international clients.
- Worked across frontend development, backend integrations, and production deployments.

Selected Projects

IELTS Digital Exam Platform
Computer-based examination system for IELTS test centers.
Link: https://ielts-test-platform-0-01.vercel.app
Stack: Next.js, Node.js, MongoDB
- Designed and built a full digital examination platform, replacing paper-based IELTS exams.
- Developed backend services, APIs, and data persistence for test state, timers, and admin workflows.
- Focused on reliability, data consistency, and user experience in a high-stakes testing environment.

Yearly Blueprint Builder
Personal full-stack productivity product.
Link: https://yearinreview.online
Stack: Next.js (App Router), PostgreSQL
- Designed and built a full-stack productivity platform from architecture to production.
- Designed structured data models and backend workflows supporting long-term iteration and scale.

LLM Security Research Platform
Research project focused on LLM vulnerability assessment.
Link: https://zenodo.org/records/15786008, https://llm-vulnerability-site.vercel.app
Stack: Python, PyTorch, OpenAI API
- Built automated testing workflows for evaluating LLM behavior and security vulnerabilities.
- Focused on system-level evaluation and tooling rather than model training.

Educations

BBA (Bachelor of Business Administration),
Leading University, Bangladesh

Certifications

- Advanced Python Programming (2025)
- AWS Educate – Cloud Computing (2024)
- Google – AI for Anyone (2024)
- Mastering React – Code with Mosh (2022)

Honors

- Employee of the Month – SJ Innovation LLC (2020)
- Multiple Performer of the Month recognitions

Languages

- English (Professional)
- Bengali (Native)