Aniket Ray

Software Engineer — Full Stack Developer

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Summary

Full Stack Developer with 3 years of experience building scalable web applications using React.js, Node.js, and MongoDB. Reduced API latency by 40% and deployed production systems serving 10,000+ monthly users with expertise in distributed transaction systems and performance optimization.

Work Experience

Software Developer *Infozech Software Private Limited*   *New Delhi, India 11/2023 - Present*

- Architected 15+ React components and RESTful Node.js APIs processing 10,000+ monthly telecom billing transactions
- Reduced API response latency by 40% through MongoDB query optimization, indexing, and aggregation pipeline refactoring
- Engineered automated invoice generation system eliminating 30+ manual work hours monthly, improving accuracy by 95%
- Implemented validation and reconciliation logic for financial transactions, reducing data inconsistencies by 60%
- Maintained Linux production servers with 99.8% uptime; collaborated in Agile sprints delivering features 15% faster

Technical Skills

Languages: JavaScript (ES6+), TypeScript, C++, SQL
Frontend: React.js, Redux, Context API, HTML5, CSS3, Responsive Design
Backend: Node.js, Express.js, REST APIs, Firebase Authentication, JWT
Databases: MongoDB, MySQL, Oracle, Query Optimization, Indexing, Aggregation Pipelines
DevOps & Cloud: Git, GitHub Actions, Docker, Linux, Vercel, Render, CI/CD
Testing & Tools: Jest, Postman, Jira, VS Code, Performance Profiling

Projects

EquiPay – Expense Sharing Platform   *React.js, Node.js, MongoDB, Firebase*

⊕ Live Demo   ⌂ Source Code

- Developed full-stack MERN expense management application supporting multi-user group settlements and real-time balance updates
- Designed transaction ledger with graph-based debt simplification algorithm reducing settlement transactions by 70%
- Integrated Firebase Authentication with JWT and deployed microservices architecture using Vercel and Render
- Built responsive UI with React hooks and Context API, handling concurrent updates and transaction rollbacks

Rich Text Editor / Productivity Tool   *React.js, JavaScript, MongoDB*

⊕ Live Demo   ⌂ Source Code

- Built browser-based rich text editor with real-time formatting including bold, italic, underline, and multi-level lists
- Engineered custom DOM manipulation engine maintaining formatting consistency without external WYSIWYG libraries
- Implemented state management with React hooks for document versioning and undo/redo functionality
- Integrated MongoDB backend for persistent storage with auto-save and responsive cross-browser compatible UI

Education

B.Tech in Computer Science and Engineering *Manav Rachna University*   *07/2019 - 07/2023*

- CGPA: 7.5/10 — Relevant Coursework: DSA, DBMS, Operating Systems, Computer Networks, OOP

Certifications

Cloud Computing Fundamentals - Infosys (Jan-Feb 2023) — **Data Science with Python** - Infosys Springboard (Sep-Dec 2022)