

Kazi Tajnur Islam

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PROFILE

Senior Software Engineer with 5+ years of experience specializing in **React.js, Angular and Microservices-based front-end architectures**. Proven track record in the **FinTech-adjacent commerce space**, improving application performance by **70%+** and leading teams in Agile environments. Expert in **TypeScript, Redux, and CI/CD integration**, with a focus on building secure, scalable, and accessible web solutions.

TECHNICAL SKILLS

TypeScript • JavaScript • React.js • Next.js • Angular • Redux Toolkit • React Query • Zustand • NgRX • RxJS • Git • React Testing Library • Jest • Jasmine • Mocha • Docker • WebSocket • Micro-frontends • RESTful APIs • HTML5 • CSS3 • Node.js • NestJS • MySQL • MongoDB • SCSS • Tailwind • WCAG • Performance Optimization • Problem Solving • Responsive Design

EDUCATION

BSc. in Computer Science and Engineering

07/2016 – 12/2020

Dhaka University of Engineering and Technology (DUET)

PROFESSIONAL EXPERIENCE

Senior Software Engineer L-1, Vivasoft Limited 📍

01/2025 – Present | Dhaka, BD

- **Architectural Leadership:** Led the **microservices-based front-end architecture** for 'Jonoshakti,' utilizing Next.js 14, Shadcn/ui, and WebSockets to provide **real-time financial and election compliance tracking**.
- **Performance Engineering:** Introduced Server-Side Rendering (SSR) and optimized state handling, resulting in a **20% reduction** in Time to Interactive (TTI) for heavy data dashboards.
- **Component Library System:** Engineered a highly reusable internal component library, standardizing UI across 3+ internal products and reducing development sprint time by **45%**.
- **Mentorship & Code Quality:** Conduct rigorous code reviews and technical workshops for a team of 5 developers, ensuring **85% test coverage**.

Software Engineer L-2, Vivasoft Limited

01/2023 – 12/2024 | Dhaka, BD

- **Complex Dashboard Development:** Built advanced data visualization modules for **complex financial-adjacent datasets**, processing millions of cargo data points using Apache Echarts and RxJS.
- **Legacy Migration:** Successfully migrated a legacy AdTech DSP platform to a modern **Next.js** and **Redux Toolkit** stack. Implemented code splitting and lazy loading to improve **Core Web Vitals** (LCP) by **60%**.
- **Performance Optimization:** Collaborated with backend teams to integrate **high-performance APIs**, collaborated with UI/UX designers to ensure feasibility and high-quality user experience implementation.

Software Engineer L-1, Vivasoft Limited

01/2021 – 12/2022 | Dhaka, BD

- **Full-Cycle Development:** Developed "Toja Connected Water," a supply tracking app using **Next.js** and **TypeScript**. Designed both user and admin panels, integrating **Recharts** for complex data analytics.
- **HR Tech Solution:** Built the frontend for "Key Performance Integrator" (PiHR), implementing interactive bar charts and complex state management with **Redux**, ensuring cross-browser compatibility.
- **Mobile-First Design:** Delivered responsive, mobile-first interfaces, achieving **98/100 Lighthouse scores** for accessibility and performance.

LANGUAGES

English — Fluent

Bengali — Native/Bilingual

LEADERSHIP AND ACHIEVEMENTS

- Solved over **650 LeetCode problems** and **more than 1,500 competitive coding challenges**.
- **Delivered over 70 technical workshops** as a Lead Instructor at Interactive Cares and Ostad.
- **3x ICPC Dhaka Regional participant**, ranking among the top 70 teams.

PROJECTS

Xsolla Login, *Authentication system*

05/2025 – 02/2026

- Architected a secure admin dashboard for a **global commerce platform**, managing OAuth2, MFA, and 40+ social providers to ensure **transactional security**.
- Implemented a 27-language i18n system and **CI/CD pipelines** to ensure the reliability of global authentication services.
- Architected Lerna monorepo for SDK, UI library, and widget app to optimize code reuse.
- Identified and resolved performance bottlenecks in large-scale applications.
- Maintained high test coverage and improved regression stability across critical modules.
- **Technologies Used: React, TypeScript, Webpack, Styled Components, Playwright, Datadog, React Intl**

Jonoshakti, *Social & political party management system*

03/2025 – 07/2025

- Designed frontend architecture ensuring scalability and maintainability.
- Developed workflows for committee management, elections, and compliance tracking.
- Wrote unit and integration tests using Jest and React Testing Library to ensure application reliability.
- Translated Figma designs into pixel-perfect, production-ready UI with strict adherence to spacing, typography, and design tokens.
- **Technologies Used: Next.js, Shadcn, Redux-toolkit, Web Socket, Tailwind CSS.**

Rotate, *Air cargo analysis platform*

09/2024 – 05/2025

- Built the most advanced dashboard feature using Angular, enhancing cargo data insights.
- Designed and maintained a scalable design system with reusable components, consistent design tokens, and theming support.
- Optimized backend queries with NestJS, MongoDB, Cube.js, and Databricks for faster data loading.
- Worked in fast-paced environments with high ownership and minimal supervision.
- **Technologies Used: Angular, RxJS, Nest.js, MongoDB, Material UI, SCSS, Apache Echarts.**

Delta Projects, *AdTech DSP platform*

02/2024 – 08/2024

- Migrated a legacy AdTech platform to a **maintainable Next.js and Redux Toolkit stack**, implementing Jest for **testable code** and high reliability.
- Utilized **Docker for containerization** and integrated performance optimizations to improve Core Web Vitals (LCP) by 43%.
- Collaborated closely with designers to refine UI/UX details and ensure visual consistency.
- Leveraged Tailwind for rapid UI development and consistent styling across applications
- **Technologies Used: Next.js, Redux Toolkit, React Leaflet, Tailwind, Ant Design, Jest.**

Improve Digital Marketplace, *AdTech DSP platform*

01/2023 – 02/2024

- Streamlined the user experience by reducing page loading time by 60%.
- Implemented new features and enhanced teammates' code, resolving UI bugs for a polished application.
- Refactored some modules to achieve better performance and less complexity.
- **Technologies Used: Angular, NgRx, RxJS, Angular Bootstrap, Vanilla CSS.**