Muhammad Sheikh Rukon

Software Engineer

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SUMMARY

Experienced in building scalable React applications and modular microfrontend systems. Skilled in integrating APIs, managing complex state, optimizing performance & ensuring type safety to deliver maintainable solutions. Proactive in suggesting UX improvements and writing clean, understandable code that is easy for other developers to maintain. Continuously strengthening problem solving skills through data structures and algorithms practice.

SKILLS

Language
JavaScript, TypeScript, C++.

Frontend
React/Next.js, Tailwind, Redux toolkit, Styled Components, Zustand, Single-SPA, Framer Motion, Tanstack Query.

Backend
Express.js, REST API, MongoDB, Mongoose.

Other
Git, Github, Bitbucket, Jest, Vitest, Jira, Vercel.

PROFESSIONAL EXPERIENCE

Junior Software Engineer (Frontend), *Flarie* ⧉   02/2025 – Present
                                                                                                             Stockholm, Sweden (Remote)

- Strengthened TDD practices in the frontend team within a microfrontend architecture using Single-SPA in an agile environment.
- Engineered multiple core studio features currently live in production. Increased test coverage by 10% and refactored the main user-facing app to ensure stability for 3.4M players.
- Ensured 100% test coverage of the game engine server's core components, used by 10M+ players over 3 years.
- Enhanced the internal UI library, ensuring backward compatibility and improving reusability; successfully refactored and implemented components in 3 out of 14 microfrontends (over 20% of the whole system).
- Enforced security across all microfrontend applications by preventing source code exposure in Chrome DevTools.

Junior Software Engineer (Frontend), *Antopolis* ⧉   04/2024 – 02/2025 | Dhaka, Bangladesh
- Delivered 7+ full-stack projects using Next.js, Express.js and MongoDB in collaboration with UI/UX and Product teams.
- Mentored interns through code reviews, design standards, and debugging, improving code quality and delivery speed.
- Directed resource management and project allocations, contributing to over 25% of company revenue.

PROJECTS

Outlet Expense, *React.js, Tailwind, Redux, Recharts, JsPDF* ⧉
Delivered core POS features with full responsiveness, including sales and purchase billing, invoice generation, and PDF export. Collaborated with UI/UX and backend teams, applying SDLC best practices to improve team efficiency and product quality.

HadithKhujo, *Vite-react, Tailwind, Redux toolkit, Express.js, Mongoose, Firebase* ⧉
Architected a Hadith web app (freelance project) featuring a responsive UI, multilingual support, night mode, indexed search functionality for both English and Bangla, authentication, bookmarks, and categorized Hadiths.

Frete, *Vite-react, Node.js, Firestore, Firebase cloud function, Tailwind, ContextAPI & Stripe.* ⧉
Engineered a freight-sharing web app (freelance project) with a serverless architecture, allowing drivers to explore requests, view details after login, and purchase credits using Stripe.

EDUCATION

BSc in CSE, *Daffodil Institute of IT*   2020 – 2025 | Dhaka, Bangladesh

HSC - Science, *Bangladesh International School & College*   2017 – 2019 | Riyadh, Saudi Arabia

LANGUAGES

English, *Fluent*

Bangla, *Native*