

Muhammad Sheikh Rukon

Software Engineer

+8801815780053 | muhammad.rukon242@gmail.com | Github | Leetcode (150+ solved) | Portfolio | LinkedIn

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++, Python.

Frontend

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

Backend

Node.js, Express.js, REST API, Payload CMS, PostgreSQL, MySQL, Prisma, MongoDB, Mongoose.

Other

Zod, Yup, Git, Github, Bitbucket, Jest, Vitest, Vercel, Jira.

PROFESSIONAL EXPERIENCE

Software Engineer, Astha IT

12/2025 – Present | Dhaka, Bangladesh.

Apex

- Implemented 'Express Delivery' and enabled users ability to change delivery type based on their preference.
- Refactor legacy code, implement DRY and KISS principles to make the codebase more comprehensive and reduce duplication.

Junior Software Engineer (Frontend), Flarie

02/2025 – 09/2025

Stockholm, Sweden (On-site in Dhaka)

- Strengthened TDD practices in the frontend team within a microfrontend architecture under an agile environment.
- Ensured 100% test coverage of the main user-facing app's core component, securing stability for 4M+ players. Optimized its build, achieving an 89% reduction in build size.
- Engineered multiple core studio features currently live in production, available for over thousands of brands.
- 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

Iqra, Next.js, Vite-react, Shadcn, Tailwind, Redux toolkit, Express.js, Mongoose, Firebase.

Architected a Quran app with SSR and Next.js Api routes. Includes Zakat calculator as well as 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.

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.

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