



MD. MONIRUZZAMAN

Software Engineer | Frontend Developer | React Developer

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Professional Summary

Frontend Developer with 3.5 years of experience building scalable, high-performance web and mobile applications using React.js, Next.js, and React Native. Experienced in developing ERP systems, e-commerce platforms, and marketplace solutions with a strong focus on UI/UX optimization, performance tuning, and seamless API integration. Proven ability to improve operational efficiency, increase user engagement, and deliver production-ready applications in Agile environments.

Skills

- Frontend Development: React.js, Next.js, JavaScript, TypeScript, HTML5, CSS3
- Mobile Development: React Native, Expo
- State Management: Redux, Zustand, MobX
- Backend Development: Node.js, Express.js, MongoDB
- Developer Tools & Practices: Git, Postman, Firebase, Jest, REST API Integration, CI/CD, Unit Testing

Work Experience

Software Engineer

Dhaka, Bangladesh

Ampec Technologies

May 2024 to Present (*Onsite*)

- Engineered a scalable ERP platform (TEC-ERP) to streamline project management, workforce operations, and scheduling.
- Created procurement, invoicing, and automated reminder modules, improving cash flow by 20%.
- Designed KPI dashboards and real-time notification systems to support data-driven decision-making.
- Established role-based access control (RBAC), improving system security and usability.
- Integrated data import/export tools for third-party systems, reducing manual workload and improving efficiency.
- Delivered responsive, mobile-first interfaces with cross-browser compatibility.
- Optimized frontend performance, reducing load times and improving user experience.
- Collaborated in an Agile/Scrum environment with CI/CD pipelines for faster, more reliable deployments.

Frontend Engineer

Dhaka, Bangladesh

HealthOS

September 2022 to April 2024 (*Hybrid*)

- Delivered an e-commerce platform and order processing system, improving operational efficiency.
- Created a procurement application for medicine purchasing, increasing revenue by 15%.
- Launched a delivery tracking application, reducing inventory discrepancies and payment errors.
- Integrated push notifications and promotional banners, increasing sales by 20%.
- Introduced cart abandonment notifications, recovering lost sales and boosting revenue by 12%.
- Enabled deep linking features, contributing to a 10% increase in revenue.
- Designed a role-based admin dashboard for managing orders, products, and promotions.
- Streamlined QR-based order tracking, reducing processing time.
- Strengthened application security through a two-step authentication system.
- Mentored junior developers and performed code reviews.
- Crafted responsive user interfaces for seamless experience across devices and browsers.
- Applied unit testing practices using Jest to improve code reliability and maintainability.
- Improved application speed and responsiveness through performance optimization.

Education

B.Sc. in Computer Science & Engineering (CSE)

National University (Dhaka City College)

Passing Year: 2019 Result: 3.11 out of 4.00

Achievement

- Web Development with Jhankar Mahub (6 Months)-2022
- Android Application Development from BITM (3 Months)-2019
- Participated in ICPC-2018

Projects

01. Grain Marketplace ([Web](#) + [Mobile App](#))

Summary: Multi-role grain trading marketplace for **farmers, buyers, and agents** to manage offers/bids, GRN verification, orders/deliveries, and real-time notifications.

Technologies: Next.js, React Native (Expo), TypeScript, Zustand, TanStack Query, Push Notifications.

- Built **role-based onboarding & access** (Farmer/Buyer/Agent) with tailored trading workflows.
- Implemented **live bidding/offers** and **GRN verification** to support trusted transactions.
- Developed **order lifecycle management** (bids → orders → delivery tracking) across web and mobile.
- Added **push notifications/alerts** for offer updates, order status, and bid expiry to improve responsiveness.

02. Light House ([Web App](#))

Summary: E-commerce admin dashboard for managing orders, products/offers, and employees with secure access and smooth navigation.

Technologies: Next.js, NextAuth.js, MobX, TanStack Query, TanStack Table, Recharts, i18next.

- Built end-to-end **order management**, reducing processing time by **25%**.
- Developed **product creation + offer publishing** and **bulk product updates**, improving listing efficiency by **30%**.
- Implemented **role and permission-based employee management** and **advanced filtering** for faster admin operations.
- Added **2-step secure login** and **CSV export** for reporting/analysis.

03. Reporter ([Mobile App](#))

Summary: Delivery management app for tracking deliveries, collecting payments, and handling returns with real-time inventory updates.

Technologies: React Native (Expo), MobX, NativeBase.

- Built delivery tracking and item management for **80+ delivery staff**.
- Added status-based **GPS tracking** to improve routing, cutting delivery time by **25%** and operational cost by **15%**.
- Implemented **returns workflow** for undelivered items with real-time inventory updates.
- Developed **payment collection** flow, reducing payment discrepancies by **25%**.

04. TEC-PORTAL ([Web App](#))

Summary: Cloud-based Portal to automate warehouse and end-to-end operations from quotation and sales to work orders, scheduling, inventory, and invoicing with real-time visibility.

Technologies: React, Vite, MobX, TanStack Query, TanStack Table, Chart.js, Shadcn UI.

- Automated warehouse flows (stock intake, dispatch, allocation, movement), improving inventory accuracy and reducing manual work.
- Built **quotation** module (create/revise/approve) and a **sales workflow** for lead-to-order processing.
- Developed **work order automation** with scheduling, assignment, and live status tracking for technicians.
- Integrated inventory with work orders to prevent stock-related delays; delivered **role-based dashboards** for operational insights.