

MUHAMMAD ARAFAT HOSSAIN

React Native Software Engineer

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PROFESSIONAL SUMMARY

React Native Software Engineer with 3+ years of experience building and shipping production-grade iOS and Android applications using React Native, Expo, and TypeScript. Experienced in AI-powered features, real-time communication, REST APIs, Socket.io, SSE, scalable state management, local persistence, push notifications, deep linking, payments, media workflows, performance optimization, and App Store/Google Play deployment.

TECHNICAL SKILLS

Mobile Engineering: React Native, TypeScript, Expo, React Navigation, Reanimated
Architecture, State & Data: Redux Toolkit, RTK Query, Redux Persist, AsyncStorage, REST APIs
Real-Time & Native Integrations: Socket.io, Server-Sent Events (SSE), Push Notifications, Deep Linking, Maps & Geolocation, Camera & Media Workflows
Testing & Quality: Jest, jest-expo, React Native Testing Library, Sentry
Production, Payments & Delivery: Stripe, Secure Checkout, WebView Integration, Performance Optimization, OTA Updates, EAS Build, TestFlight, App Store Connect, Google Play Console
Web & Backend: React, Next.js, Node.js, Express.js, MongoDB, Mongoose, MySQL

WORK EXPERIENCE

Software Engineer — Neutron Ltd. May 2024 - Present
Remote, Bangladesh

- Build and maintain production-grade cross-platform mobile and web applications using React Native, Expo, TypeScript, React, Next.js, and Node.js, integrating payment platforms including Stripe, Square, and Urubutupay.
- Develop scalable mobile architecture using Redux Toolkit, RTK Query, Redux Persist, and reusable components; real-time communication, live data updates, push notifications, deep linking, geolocation, and media workflows.
- Manage iOS and Android release workflows using EAS, TestFlight, App Store Connect, and Google Play Console.
- Collaborate with designers and backend engineers to deliver maintainable, production-ready product experiences.

SELECTED PROJECTS

- Zukme — Fashion & Lifestyle App (React Native · Expo · TypeScript · Redux Toolkit · Socket.io · SSE · Stripe)
- Built and maintained a production social-commerce app for iOS and Android, combining shopping, social feeds, Creative Spaces, real-time chat, and AI-powered feedback.
 - Implemented persisted authentication and state management, Socket.io chat, SSE-driven live updates, ZukAI response refinement and personalized feedback recommendations, media capture/compression, and geolocation.
 - Integrated Stripe with Apple Pay/Google Pay, push notifications, deep linking, and Sentry monitoring.
 - Live links: [App Store](#), [Play Store](#)
- Colitas — Pet Care & Marketplace App (React Native · Expo · TypeScript · Redux Toolkit · Socket.io)
- Contributed to a production cross-platform marketplace connecting pet owners with veterinarians and service providers.
 - Developed booking, pet management, marketplace, real-time communication, notifications, payment, and mobile navigation workflows.
 - Live links: [App Store](#), [Play Store](#)

EDUCATION

BSc in Biomedical Engineering | Jashore University of Science & Technology — 2022