

Muhammad Irfan

Senior React Native Engineer

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📄 Summary

Senior React Native Engineer with **5+ years** of experience building **high-traffic apps** (5,000+ daily users) for fintech, logistics, and IoT industries.

- Delivered **15+ apps** to production, including crypto exchanges (Fasset) and real-time logistics platforms, driving **15–30% boosts in engagement** through UI revamps and payment integrations (Stripe, Apple/Google Pay).
- Slashed operational costs by **10%** and accelerated project timelines by **20%** via CI/CD pipelines (Bitrise, GitHub Actions) and **90%+ test coverage** (Jest/Detox).
- Proven leader of **5–10-member teams**, adept at full-stack mobile development (React Native, Node.js, Firebase) and performance optimization.

🧠 Skills

React Native — CLI, Expo, Reanimated, React Navigation, Lottie Animations, Native Modules, Swift/Kotlin

Frontend — JavaScript, TypeScript, Redux, Styled Components, TailwindCSS, Figma

Backend Integration — Node.js, Firebase (Firestore, Functions), REST/GraphQL APIs, MQTT Protocol, WebSocket

Payment & Mapping — Stripe, Apple Pay, Google Pay, Google Maps API, Mapbox

Testing — Jest, Enzyme, Detox, React Native Debugger, Flipper, Sentry, Postman, Proxyman

Deployment — App Store/Play Store Submissions, Fastlane, CI/CD (Bitrise, GitHub Actions), CodePush

Tools — Git, GitHub, Xcode, Android Studio, AWS EC2, Nginx, Proxyman

📁 Professional Experience

Fasset, Sr. Software Engineer 📄 03/2024 – present | Remote, Dubai

- Led end-to-end development of **Crypto Deposit/Withdraw** features (React Native, TypeScript), enabling **\$1M+ weekly transactions** for 50K+ users.
- Architected modular React Native codebase using **SOLID principles** and **Factory/Observer patterns**, cutting feature development time by **30%**.
- Revamped app UI in **Agile sprints** (Jira), boosting user engagement by **15%** and delivering updates **20% faster** than deadlines.
- Enforced **90% test coverage** (Jest/SonarQube) and streamlined CI/CD (Bitrise), reducing bugs by **40%** and release cycles to **7 days**.

Tkxel, Software Engineer 📄 12/2022 – 02/2024 | Remote, Pakistan

- Delivered **3+ production-ready React Native apps** (e-commerce, healthcare) with **20% faster timelines** using Agile workflows (Jira, Scrum).
- Upgraded UI/UX for 5+ apps via **React Native Reanimated** and **TypeScript**, boosting user retention by **15%** and app store ratings to **4.8/5**.
- Enforced **98% Jest test coverage** with **Redux state management**, slashing production bugs by **30%** and QA effort by **25%**.
- Collaborated across **10+ teams** in a 700+ employee org, aligning cross-functional goals and accelerating feature delivery by **20%**.

EMI Fusion, *Software Engineer* [↗](#)

12/2020 – 12/2022 | Lahore, Pakistan

- Delivered **5+ React Native apps** (logistics, IoT) with **Node.js backends**, improving operational efficiency by **15%** via real-time analytics and MQTT protocol.
- Integrated **real-time tracking** (Google Maps API) and **payment gateways** (Stripe, Apple/Google Pay) into 2 apps, boosting user engagement by **20%**.
- Built **vehicle/fuel monitoring systems** for 3 apps, reducing operational costs by **10%** through optimized data workflows.
- Scaled backend infrastructure on **AWS EC2** and **Firebase**, achieving **99.9% uptime** for 300+ daily active users.

Projects

Fasset, *Crypto Exchange, Crypto Wallet App* [↗](#)

- Launched in **10+ countries** with **1M+ global users**, enabling **\$1M+ weekly transactions** via secure Stripe/Apple Pay integrations and Crypto Bundles.
- Achieved **90% test coverage** (Jest) and **5-day release cycles** (Bitrise CI/CD), reducing bugs by **40%** and scaling to support rapid international growth.
- Bridged 100K+ web/mobile users with **Fasset Connect** (Next.js + React Native), driving **25% cross-platform adoption**.

Brilliant Move, *digital extension of logistics delivery* [↗](#)

- Scaled to **break even in the US market** with **10K+ active users**, handling **1,000+ daily shipments** via real-time Google Maps tracking.
- Slashed checkout time by **20%** with Apple Pay/Stripe integration, reducing payment failures by **15%** and boosting US customer retention.
- Aligned **10+ cross-functional teams** (React Portal) to achieve **100% milestone compliance** in a competitive market.

MXT, *Premium custom mixed skincare solutions* [↗](#)

- Architected a React-based app with **MobX state management**, improving load times by **15%** and chemist productivity by **20%**.
- Partnered with a **5-member cross-functional team** to launch MVP in **4 months**, achieving **95% stakeholder satisfaction**.

Hydropincs, *In house farming solution*

- Developed a React Native app with **real-time sensor data** (MQTT) for 100+ users, boosting engagement by **20%**.
- Built a scalable **Node.js backend** (AWS EC2 + MongoDB), processing data from **10+ sensors** at 99.9% uptime.

Education

M.Sc, *Bahauddin Zakariya University - BZU* [↗](#)

10/2018 – 11/2020 | Multan, Pakistan