Muhammad Sheharyar Khan

Lead React Native Developer | TypeScript | Mobile Architecture | Offline-First Enterprise Apps | AI & OCR-Powered Workflows

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PROFESSIONAL SUMMARY

Lead React Native Developer with 6+ years building and shipping production iOS and Android apps with React Native and TypeScript, from enterprise logistics platforms used in warehouses and mailrooms to a consumer e-learning app with 100k+ downloads. At PackageX, owns mobile architecture, App Store and Google Play releases, and code quality for apps that combine LLM-powered document extraction, on-device OCR and barcode scanning, thermal label printing, SSO and offline-first data with Realm and SQLite. Builds native modules, leads code reviews, mentoring, hiring and sprint planning, and works directly with enterprise clients to turn ERP-integrated receiving workflows into shipped features.

TECHNICAL SKILLS

- **Mobile Development:** React Native, JavaScript (ES6+), TypeScript, React, Hooks, Android (Gradle, Android Studio), iOS (Xcode, CocoaPods), Native Modules, React Native New Architecture, Deep Linking, WebView
- **Architecture & State Management:** Redux Toolkit, React Query, MobX, Recoil, offline-first architecture, reusable component design and SOLID principles
- **Data & Integrations:** REST APIs, Realm, SQLite, offline queue and sync, caching, SSO, Firebase Auth, Firestore, FCM push notifications, social logins, PayPal and payment gateways, geolocation and live tracking, ERP integration (Epicor P21)
- **AI & Computer Vision:** LLM API integration, prompt engineering, LLM-powered document extraction, on-device OCR and barcode scanning (VisionSDK), AI-assisted development with Claude and Claude Code
- **UI Engineering:** Reusable UI components, animations, tablet layouts, multi-step operational workflows, thermal label design
- **Quality & Delivery:** Jest, React Native Testing Library, GitHub Actions CI/CD, App Store Connect, Google Play Console, Git, Agile/Scrum, Jira, Linear
- **Technical Leadership:** Code reviews, mentoring, technical interviews, sprint planning, requirements analysis, solution design, client stakeholder communication

PROFESSIONAL EXPERIENCE

Lead React Native Developer | PackageX

Islamabad, Pakistan | 02/2023 - Present

Logistics software for package receiving, inventory and warehouse operations, used by enterprise clients worldwide.

- Lead mobile development for **Workflow** and **Warehouse Logistics**, two production React Native apps used by logistics clients across mailrooms, receiving docks and pick-up points; own architecture, technical planning and delivery.
- Implemented on-device OCR and barcode scanning (VisionSDK) to capture shipping-label data automatically, replacing manual data entry in receiving workflows.
- Integrated LLM-powered document extraction into the Warehouse Logistics app to read packing slips and pre-fill PO and item details, reducing manual work for receiving staff.
- Architected offline-first data handling in Warehouse Logistics with Realm and SQLite, an offline action queue and background sync, so inventory work continues through unstable warehouse connectivity.
- Engineered ERP-integrated receiving workflows on Epicor P21 for a large distribution client: Multi-PO and Blind Receiving, PO match and prefill, OS&D discrepancy handling, and post-and-print; delivered on a four-week phased roadmap through regression testing and client sign-off.

- Delivered thermal label printing for multiple label sizes: designed JSON label templates, fixed barcode-encoding and layout defects, and specified a DPI selector for the print screen.
- Built native modules to implement app background services for React Native and upgraded production apps to the React Native New Architecture (Fabric and TurboModules).
- Own App Store Connect and Google Play Console releases on a two-week cadence with GitHub Actions CI/CD; resolve build, signing and store-compliance issues.
- Lead code reviews, mentor developers, run technical interviews and own sprint planning for a team of 6-7 engineers.
- Translate client requirements into solution designs, including user journeys, workflow diagrams, user stories and KPIs, and run design reviews with client stakeholders.
- Use Claude and Claude Code to speed up coding, debugging, refactoring and technical documentation.

Tech: React Native, TypeScript, Redux Toolkit, React Query, Realm, SQLite, VisionSDK, SSO, WebView, Deep Linking, React Native Testing Library, GitHub Actions

Senior React Native Developer | Nearpeer

Lahore, Pakistan | 08/2021 - 01/2023

- Developed and maintained the Nearpeer e-learning app for iOS and Android (100k+ downloads), covering course purchase, video lectures, quizzes and instructor Q&A.
- Implemented offline video downloads that play only inside the app, protecting paid course content.
- Integrated payment gateways, social logins, push notifications, deep linking and geolocation, and added caching to reduce repeat network loads.

Tech: React Native, Redux, Push Notifications, Payment Integrations, Social Logins, Deep Linking, Caching

React Native Developer | OZI Group

Lahore, Pakistan | 04/2020 - 08/2021

- Delivered 9 iOS and Android apps across 5 client projects in logistics, food delivery, e-commerce and vehicle inspection.
- Built Truck Stop, a three-app freight platform (Shipper, Carrier, Driver) with shipment booking, driver assignment and real-time truck tracking.
- Developed ORDDEL customer and rider apps, including an order-consolidation feature that tells riders which items and quantities to buy, plus invoice download and sharing.
- Created a customer ordering app and a tablet restaurant app for Three Bridge Kebab, with a live order pipeline and label printing.
- Shipped Klippit, a deals app with user-generated promo videos and a merchant approval flow, and RIA Inspection, a VIN-scan inspection app with role-based access for users, inspectors and admins.

Tech: React Native, Redux, Firebase, Geolocation, Push Notifications, PayPal, Social Logins, Label Printing

EDUCATION

Bachelor of Science in Computer Science (BSCS), University of Central Punjab, Lahore, Pakistan | 02/2016 - 02/2020

LEADERSHIP & LANGUAGES

- Vice President, IEEE UCP Student Chapter, Lahore | 03/2017 - 08/2019
- Languages: English (professional), Urdu (native)