Muhammad Umer Farooq

Senior React Native Developer

Cross-Platform Mobile Engineer · React Native · TypeScript · iOS (Swift / SwiftUI)

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PROFESSIONAL SUMMARY

Senior React Native Developer with **10+ years** of mobile engineering experience building scalable, secure and high-performance apps for **Android and iOS**. Skilled in **React Native, JavaScript (ES6+) and TypeScript**, delivering smooth, native-feeling UIs from a **single shared codebase**, backed by a deep native iOS (Swift/SwiftUI/Objective-C) foundation for building **Native Modules** and bridging platform features via the **New Architecture (TurboModules, Fabric, JSI)**.

Hands-on with **React Hooks, functional components, Redux Toolkit, RTK Query, Zustand and Context API**, **React Navigation**, REST & WebSocket integration, **Firebase**, offline-first storage, automated testing and **CI/CD with Fastlane / EAS** to Google Play and the App Store. Leverages **agentic AI coding** (Cursor, Codex, Claude) to accelerate delivery. Comfortable in Agile/Scrum teams and leading cross-functional squads.

TECHNICAL SKILLS

React Native Core	**React Native CLI & Expo, functional components, React Hooks (useState, useEffect, useMemo, useCallback, custom hooks), FlatList / SectionList optimization, StyleSheet & Flexbox layouts, Reanimated & Gesture Handler animations**
Languages	**JavaScript (ES6+), TypeScript, Swift, Objective-C, Dart**
State Management	**Redux Toolkit, RTK Query, Redux-Saga / Thunk, Zustand, Context API, React Query (TanStack Query)**
Architecture & Patterns	**Component-driven & feature-based architecture, Atomic Design, MVVM, MVC, VIPER, SOLID, reusable UI component libraries**
Navigation	**React Navigation (Stack, Bottom Tabs, Drawer), deep linking & universal links**
Networking & APIs	**Axios, Fetch API, RESTful APIs, GraphQL (Apollo Client), WebSockets / Socket.IO, OpenAI GPT-4 Vision API**
Firebase & Cloud	**React Native Firebase: Auth, Cloud Firestore, Realtime Database, Cloud Messaging (FCM), Crashlytics, Analytics, Remote Config**
Local Storage	**AsyncStorage, MMKV, Realm, SQLite, WatermelonDB, Core Data, SwiftData**
Native Integration	**Native Modules & Native UI Components (iOS), New Architecture (TurboModules, Fabric, JSI), Hermes engine, Swift, SwiftUI, Combine, MapKit, Core Location, CoreML & Vision**
Maps, Payments & Media	**react-native-maps / Google Maps, live location tracking, Braintree payments, barcode/QR scanning, audio recording & playback, social logins**
Testing & Performance	**Jest, React Native Testing Library, Detox (E2E), Flipper & React DevTools, performance profiling (re-render & bundle optimization), XCTest, Xcode Instruments**
DevOps & Release	**Git / Git-flow, Bitbucket, SVN, CI/CD, Fastlane, Expo EAS Build & OTA updates (CodePush), environment configs, Google Play Console, App Store Connect**
Code Quality	**ESLint, Prettier, TypeScript strict mode, code reviews**
Agentic Coding	**Cursor AI, OpenAI Codex, Claude Code / Claude Agent**

Tools	**VS Code, Xcode, Android Studio, Visual Studio, JIRA, Confluence, ServiceNow**
Other	**Microsoft SQL Server, MongoDB, Crystal Reports, Telerik Reporting**

PROFESSIONAL EXPERIENCE

Senior Software Engineer — Mobile (React Native & iOS)

APR 2019 – PRESENT

Inabia Software (Pakistan)

- Lead cross-platform mobile development with **React Native** and native iOS — owning architecture, reusable component design, code reviews and end-to-end releases to the App Store and Google Play.
- Migrated **4+ apps** from Objective-C to Swift, improving app stability by **20%**; rebuilt **3 apps** with SwiftUI (one on Combine) — declarative, state-driven UI experience that maps directly to React's component model.
- Built **AI-powered mobile features** using the GPT-4 Vision API, and use agentic coding tools to shorten delivery cycles.
- Manage Git-flow branching, environment configs, CI/CD and release cycles to ensure smooth delivery aligned with business goals.

KEY PROJECTS

Poole — Ride & Vehicle Tracking (Passenger + Driver apps)

Built two apps from scratch with **real-time vehicle tracking** via Firebase Realtime Database; resolved production issues and shipped hotfixes on a clean, best-practice codebase.

Tech Stack: Swift, Firebase Realtime Database, Google Maps

Plant Identifier — AI Plant & Disease Detection

Identifies plant species from the camera, detects plant diseases and recommends treatment/precautions using the GPT-4 Vision API.

Tech Stack: SwiftUI, GPT-4 Vision API

Delyt — Restaurant Ordering & Management

Customer app to browse restaurants, place orders and top up wallets; companion manager app to receive, review and approve orders.

Tech Stack: Swift

Islamic Bundle

Ayah-by-ayah Quran audio streaming, Rabbana duas audio section and a sensor-driven Qibla compass.

Tech Stack: SwiftUI, Core Location

Mobile Developer (iOS)

JAN 2018 – FEB 2019

Digitonics Labs Pvt. Ltd. (Pakistan)

- Wrote robust, scalable, maintainable and testable code in a fast-paced, deadline-driven environment, covering requirement analysis, UI, testing, deployment and documentation.

KEY PROJECTS

TeenArtPass — Enhanced core modules and added features incl. Google Maps and custom animations, using clean MVC. *Swift*

GainSafe — Built from scratch to App Store release; offline-first Realm storage and adaptive iPad layouts. *Swift, Realm*

Haulit — Real-time tracking with Google Maps, Braintree payments, in-app chat and Firebase push notifications. *Swift, Firebase*

Scan and Save — Barcode/QR scanning, Facebook/Twitter/Google sign-in, Braintree payments, push notifications and multi-orientation support. *Swift*

iOS Program Analyst
MAY 2015 – JUL 2018

Arpatech Pvt. Limited (Pakistan)

- Owned end-to-end delivery of features and bug fixes — development, unit testing, documentation and source control.

KEY PROJECTS

Tazamart.pk (E-commerce) — Built from scratch; SQLite cart management, Google Tag Manager & Analytics for user and order tracking. *Objective-C, Swift*

Sheops — Developed and maintained the app for an Arpatech venture, delivering client-driven enhancements and QA fixes. *Objective-C*

Cloud59 — Salesforce login integration and audio/video features. *Objective-C*

iOS Developer
JAN 2014 – MAY 2015

Digital Dividend (Pakistan)

- Built universal iPhone/iPad apps and partnered with UX/UI designers to turn wireframes into functional prototypes with consistent visual design.

KEY PROJECTS

Intuitive Dictate — Audio recording and storage app used by doctors to record patient notes. *Objective-C*

Autism App — Screening app for children across age groups, for iPhone and iPad. *Objective-C*

Tekker Performance — Tracks footballers' match performance and recommends training exercises. *Objective-C*

EDUCATION

B.S. Software Engineering — University of Karachi, Pakistan
2010 – 2013

Software Development, Data Structures, Communication

Diploma in Entrepreneurship & SME Management — Virtual University of Pakistan
2020