

Malik Abdul Kawee

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SUMMARY

Senior Mobile Engineer with 7+ years of experience building high-performance, secure, and scalable apps using React Native, TypeScript, Kotlin, and GraphQL, specializing in NFC integrations, IoT, and real-time energy solutions.

EXPERIENCE

- | | |
|---|-----------------------------------|
| Evert
<i>Senior Mobile Engineer</i> | Remote
11, 2024 – Present |
| <ul style="list-style-type: none">• Led the setup and development of Evert's Customer and Installer mobile apps using React Native, TypeScript, and modern tooling like React Query and Socket.IO, with a focus on performance, reliability, and robust testing via Jest and React Native Testing Library.• Engineered NFC-based communication to read/write data to PMUs, leveraging native modules and react-native-vision-camera for hardware-level interactions.• Strengthened app security with SSL pinning, code obfuscation, root/jailbreak detection, and other advanced protection mechanisms on both native and React Native layers.• Collaborated closely with stakeholders in cross-functional meetings to define goals, align on tasks, and streamline product delivery and execution.• Mentored junior developers and oversaw task assignment, improving team efficiency and accelerating delivery timelines. | |
| NorthBay
<i>Principal Software Engineer</i> | Remote
03, 2023 – 11, 2024 |
| <ul style="list-style-type: none">• Leading my squad to ensure the timely and efficient delivery of tasks.• Code reviews and meetings with horizontal and vertical peers to clarify requirements.• Employed React-Native, TypeScript, Context, Storybook, HookForm, and other modern technologies to create a robust application.• Ensuring the app is fast, secure, and respects user data privacy.• Contributed to a large-scale product initiative with 150+ team members from 8 countries. | |
| uPage
<i>Senior Mobile Engineer</i> | Rawalpindi
05, 2022 – 03, 2023 |
| <ul style="list-style-type: none">• Architected and launched the pk.page app from scratch with a focus on performance and modularity.• Applied React-Native, TypeScript, redux, GraphQL, Apollo, and other modern technologies to create a robust and efficient application.• Saved cost (Hundreds of dollars) by designing and implementing a fully dynamic form module within the application, enhancing user experience and streamlining data collection processes.• Participated in roadmap discussions and established the mobile engineering foundation at PK.page. | |
| DPL
<i>Mobile App Developer</i> | Islamabad
04, 2019 – 05, 2022 |
| <ul style="list-style-type: none">• Built and enhanced 4 CarPal apps for digital roadside assistance using React Native, Google Maps, and background location tracking.• Delivered the Parsley mobile app using React Native, Redux Persist, and Axios.• Employed Firebase, Sentry, and multiple payment platforms (N-Genius, Apple Pay) to extend app functionality and reliability. | |
| Evamp & Saanga
<i>Android Developer</i> | Islamabad
07, 2018 – 04, 2019 |
| <ul style="list-style-type: none">• Engineered MEW Pay, a smart metering app for Kuwait's Ministry of Electricity and Water, using Kotlin, MVVM, and RxJava. | |

- Maintained and improved the Orange RoamKit application with a focus on performance and reliability.

DawahSoft

Android Developer

Islamabad

02, 2017 – 07, 2018

- Built the Khaadim Android app using Java and Firebase, delivering stable releases and ensuring maintainability.

PROJECTS

Evert Installer & Customer Apps (React-Native, TypeScript)

- Built two mobile apps for Evert's energy management ecosystem, one for installers to configure PMUs using NFC scanning, and another for customers to monitor and control IoT devices.
- Enabled features like real-time energy consumption, EV charger control, and advanced energy tools such as Vehicle-to-Grid (V2G) and Vehicle-to-Home (V2H) power backup.
- Focused on seamless hardware integration, real-time data communication, and high security standards for field reliability and user trust.

Project-C (React-Native, TypeScript)

- Virtual bank app project for one of the largest banks in the Middle East.
- From opening an account to ordering cards and doing transactions all in just a few clicks
- Performance-oriented and secured application for customers.

CarPal (React-Native, JavaScript)

- CarPal is a digital roadside assistance solution, developed in 2 years in a team of 8 members.
- Developed 4 apps using React-Native, redux-persist, and Google Maps and worked on app security.
- CarPal is operated in the MENA region and thousands of people use their service in times of need and emergency.

MEW Pay (Android, Kotlin)

- A platform that enables users to monitor their electricity and water consumption, enter meter readings, and control bills.
- Employed MVVM architecture, RxJava, and Data Binding to deliver a reactive and scalable codebase.
- The app is making life easier for thousands of customers; they can now monitor and control everything in the app.

SKILLS

JavaScript, TypeScript, Kotlin, React-Native, Android, AppCenter, Jest, Enzyme, Agile, GraphQL, redux, Storybook, Socket.IO, React Native Testing Library, Mobile App Security, Banking Apps,

EDUCATION

COMSATS, Institute of Information Technology

Bachelor of Sciences in Computer Science

Islamabad

03, 2017