

KESHAV KHETAN

Software Engineer

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SUMMARY

Experienced Mobile Application Developer with **4 years of experience** in developing Android and iOS apps. Expertise in **React Native and Kotlin** frameworks. Strong understanding of **Typescript, Javascript** and API integration.

PROFESSIONAL EXPERIENCE

Technical Architect 2023 - Present
Quara Digital Remote

- Led the development of **Wasalt android and iOS** app as an architect.
- Designed a white labelling capable code with **90% reusable code**.
- Wrote multiple libraries using **NX monorepo** to be used throughout the app.
- Utilised **zustand and react query** for state management and api handling.
- Created **CRM and Consumer App** with the same code base using monorepo methods.
- Developed more than **40 screens** for the Wasalt App to enhance user experience including RTL (Right-to-Left) Arabic support for application.
- Optimized codebase by refactoring and creating reusable hooks and components, resulting in a **90% decrease in Sonar issues** and improving code maintainability.
- Created unit test cases using JEST for reducers, sagas, and every React component, leading to an **88% increase** in the test coverage report.

Software Engineer 2022 - 2023
SaralX Pune

- Created UI for **32 screens in SaralX app**, ensured every component supported talkback for visually impaired people.
- Crafted a **cameraX module using Kotlin** in combination with React Native, leveraging Android Native Modules and UI Components to bridge JS and the native thread.
- Made an **chrome extension "I-STEM Accessibility Tools"** to test any website's accessibility.
- Integrated **Razorpay Payment Gateway** to enable access to premium features via monthly subscription plans.
- Utilized **Microsoft CodePush** to deliver over-the-air (OTA) app updates 80% faster to users.

Android Developer 2021 - 2022
Motherson Invenzen xLab Noida

- Worked on **Telematics and IoT** to build 4 apps using react native: **Rollr, Hero Connect, Bobcat-i-Connect**.
- Designed custom **polygon geofencing** functionality using Convex Hull Algorithm, enhancing location-based features.
- Built **30 plus screens, and features** also worked on Bluetooth low energy project to monitor alertness of the driver.
- Collaborated with backend and design teams to conceptualize and develop mobile apps to fulfill business requirements.

Junior Software Engineer (Internship) 2020 - 2021
Sagrados Technology Services Pvt. Ltd. Delhi

- Developed an app facilitating user access to datasheet of hardware components from backend.
- Made **15 functional screens** including login and sign up flow.
- Converted the entire codebase from JavaScript to TypeScript, enhancing maintainability and scalability, encompassing more than 50 components.

EDUCATION

Electrical & Electronics Engineering 2017 - 2021
ABES Engineering College

SKILLS

React Native · Typescript · Javascript ·
Redux · Redux Thunk · Axios · Kotlin ·
Redux Toolkit · Linting · Unit Testing · Git ·
XCode · Android Studio · iOS · Android ·
Zustand · React Query

ACHIEVEMENTS

Mentored Freshers

at Quara Digital to help them contribute and learn better about react native and javascript technologies.

Spearheaded the development

with a team of 3 developers to build and launch saralX app from scratch within 3 months.

0 Sonar Issues

by continuously fixing sonar issues while development and reduced code smell to 80%.

SOFT SKILLS

🔍 Troubleshooting

Resolved complex bugs during development of an real estate app, resulting in 90% bug-free product.

🔍 Agile development

Developed an app using Agile methodologies with Jira reducing time-to-market by 25%.