Bhola Kumar

Sr. Software Engineer

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🪪 PROFILE

Highly skilled React Native Developer over 3.10 years of experience building robust, cross-platform mobile apps. Expertise in UI/UX design, API integration, state management (Redux), and performance optimization. Proficient in JavaScript, TypeScript, and React Navigation. Experienced in delivering efficient, user-friendly apps for both iOS and Android while ensuring high code quality and scalability.

🧠 SKILLS

- React native
- Mobile application development(Android & iOS)
- JavaScript
- TypeScript
- RxJava
- Kotlin
- Swift
- Python

💼 PROFESSIONAL EXPERIENCE

Thoughts2Binary ⬈
Sr. Software Engineer
10/2021 – present | Gurgaon, India
- Integrated **Geotab Keyless Vehicle Lock/Unlock** library, boosting security and convenience for **500+ vehicles**.
- Implemented **Samsung Knox** for secure Android **Kiosk apps**, improving **device security** and **access control**, supporting over **10+ devices** in a kiosk environment.
- Led the implementation of **unit testing** and **E2E (End-to-End) automation**, improving test coverage up to **80-100%** and reducing manual testing effort by **30%** using **Jest**, **Appium**, and **Detox**.
- Set up an efficient Android build deployment pipeline on AWS using code build, Docker, and Fastlane automation.

Autroid ⬈
Junior Android Developer
06/2021 – 10/2021 | Gurgaon, India
- Contributed to the maintenance and enhancement of **2 Android mobile** applications using Android **JAVA**, **XML**, **MVP,** and **Realm**.
- Designed and developed **Android apps** for **vehicle service management** and **Customer Relationship Management (CRM)**
- Integrated Paytm payment gateway, enabling secure, seamless in-app transactions for 1,00+ users and reducing payment-related issues.
- **Collaborated with senior developers** to plan and build the **data presentation layer 2 mobile apps**, optimizing data handling and improving app performance.

📁 PROJECTS

Indian Angel Network ⬈
10/2021 – 10/2023
Key Skills: Notifications, TypeScript, MVC, Flavor
- Quick interactions between entrepreneurs and investors
- The IAN connects **entrepreneurs** with over **1,000+ angel investors**, offering an easy way to find investment opportunities, deals, and partnerships.
- Quick interactions between entrepreneurs and investors
- Android & iOS Flavors for IAN and BioAngel apps.

M2M-Mobile Apps
01/2022 – 08/2023
Key Skills: Lerna, Nx, React Native, JavaScript, Redux, Saga, Jest, Mocha, Codepush, Google Maps, Bluetooth, Deeplinking, Bitrise, Firebase Push notification, CI/CD

- The Android app leverages **flavors** for different brands, while the iOS app uses **schemes** to handle multiple brands and various environments(dev/prod/qa).
- **Dealer App:** A comprehensive mobile app for **dealers** to efficiently manage their fleet of vehicles, track trip history, set up **geofences** for location-based monitoring, and install **IoT devices** on vehicles to gather real-time data, which is synced to the app and database for enhanced fleet management.
- **Consumer App:** A user-friendly mobile app that allows **consumers** to easily book **vehicle service appointments**, select available time slots, and schedule seamless **vehicle servicing** at local garages, ensuring a smooth and convenient experience for car maintenance and repairs.

Granite

10/2022 – present

Key Skills: Native Module, Background Services, Geotab, Knox, CI/CD, AWS, Codebuild, Docker, Appium, Unit testing, ESLint, Nx, Lerna, JsDoc

- Worked on maintaining and enhancing multiple **React Native libraries** for **mGranite**, including **native libraries** such as **face recognition**, **geolocation**, **kiosk lockdown**, and various **core** and **component** libraries.
- Independently created the **Kiosk-Lockdown** library for **Samsung Knox** devices, enabling secure device lockdown and kiosk mode.
- Contributed new features and components to improve library functionality.
- Integrated (ESLint) and unit test automation to maintain code quality.
- Implemented **CI/CD pipelines** for automated version publishing and deployment.

Recent Chat-Talk to strangers ⬀

01/2020 – 08/2024

Key Skills: Notifications, Android, RxJava, Xml, Realm, Agora, AdMob, Firebase, MVP

- Build an **anonymous chat** application allowing users to interact with strangers via text messaging and video calls
- Implemented **Firebase Realtime Database** for real-time text messaging and **Agora** server for **video calling** functionality.
- Built using Android Java and XML, following the **MVP** architecture for better code separation and maintainability.
- Integrated **AdMob** for in-app advertisements and **Google Play Store billing** for subscription-based revenue generation.