

Muralitharan A

Software Engineer | Mobile Engineer

muralitharan0002@gmail.com
portfolio:
<https://github.com/muralitharana/my-work>

SUMMARY

- **3 years of hands-on experience** in mobile app development, specializing in **React Native** with a strong focus on **React Navigation** for seamless in-app navigation.
- With over 2 years of experience in the **airport domain**, including work with the **world's best airport**, I have focused on developing innovative solutions to improve operational efficiency and streamline various airport functions.
- Proficient in **state management** with **Redux**, **Zustand**, and **TanStack Query**, ensuring robust client and server state handling.
- Experienced in managing the entire development lifecycle, from **UI design and feature creation** through **maintenance**, **support**, and **deployment** on both the **App Store** and **Play Store**, with a good understanding of their submission processes and guidelines.
- Experienced in integrating advanced features like **push notifications (FCM, APNs)**, ML Kit and on-device AI.
- Good background in **security** best practices, including **SSL pinning**, **Keychain**, and **Keystore** for data protection.
- Integrated **RESTful APIs** with various products, particularly **Service Desk Plus** and **ManageEngine's** solutions, to streamline and enhance functionality across platforms.
- Experience in R&D for in-house **map** solutions using React Native, Speech to Text integration in Android using **Kotlin** and implementing **AI** features in mobile applications.

TECHNICAL SKILLS

Programming Languages	Javascript, Typescript
Library and Framework	React, React Native
Tools	Xcode, Android Studio
Navigation	React Navigation
State Management	Redux, Zustand and Tanstack/React-Query
Network call Library	Axios, Fetch API
App Submission	Google Play Store, App Store
Services	FCM, APNs, Firebase
Cross Platform Development	Android, iOS
Version control	Git, GitHub
Native Modules (Secondary skill)	Kotlin

EDUCATIONAL QUALIFICATION

Bachelor of Science in Electronics
PSG CAS, Coimbatore, India

Graduated: 2021

EXPERIENCE SUMMARY

Spritle Software, Chennai, India

Jan 2022 – Present

Software Engineer - Mobile:

Responsibilities:

- **Acted as the sole developer** and lead for mobile projects, handling end-to-end processes including requirement gathering, prototyping, POC creation, R&D, design, development, maintenance, and support.
- **Led solution engineering efforts**, helping the business secure additional Change Requests (CRs) by delivering high-impact mobile solutions.
- **Collaborated with cross-functional teams** including designers, backend developers, and QA testers to ensure cohesive product development.
- **Performed code reviews and provided feedback** to team members, maintaining high code quality and adhering to best practices.
- **Resolved technical issues and bugs**, performing root cause analysis and implementing fixes to ensure smooth operation and user satisfaction.
- **Conducted technical interviews** to recruit top talent and mentored junior developers through hands-on support, code reviews, and technical guidance.
- **Stayed updated with the latest mobile development trends and technologies**, incorporating new tools and techniques to enhance application functionality and performance.
- **Collaborated with the backend team** to resolve issues, including contributing to Python development for implementing and optimizing the push notification feature.

Achievement

- **Led a mobile project as the sole developer**, successfully managing all aspects from design and development to deployment and maintenance, demonstrating strong leadership and technical skills.
 - **Recommended and successfully pitched a major system upgrade to the customer**, collaborating with the project director to secure approval for a complete UI revamp and integration of new features as a separate project.
 - **Executed a major upgrade of a 4-year-old production app using the latest React Native version**, achieving a smooth transition and ensuring seamless production deployment with minimal disruptions.
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