Julio Mussi

React Native Engineer

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SUMMARY

Mobile Engineer with over 5 years of experience in mobile application development, integration, and maintenance. Expert in React Native, TypeScript, and Mobile DevOps, with a proven track record of delivering exceptional user experiences to over 150K monthly active users. Demonstrated expertise in optimizing deployment processes, reducing application sizes, and enhancing app stability. Adept at leading teams, coordinating deployments, and ensuring adherence to best coding practices.

SKILLS

Proficient: React Native, TypeScript, JavaScript, App Deployment, Git, RESTful APIs, WebSockets, Mobile DevOps, Front-end build pipelines, Fastlane, System Architecture, IT Leadership, Redux.js, Expo Modules, SOLID, Clean Code, Clean Arch;
Intermediate: Swift, Mobile Applications CI/CD, Monitoring/Obersvabilit,; Sentry, Datadog, Fastlane, Native Modules;
Beginner: Java, Objective-C.

PROFESSIONAL EXPERIENCE

Lead Mobile Software Engineer
Kinvo, Salvador, BR – Remote   02/2019 to Present
Core Responsibilities:
- As a Lead Mobile Software Engineer, I:
    - Led the "Portfolio and Connections" mobile application squad, which consisted of 2 professionals.
    - Developed key features such as the 'Capital Gain' screen using React Native, which garnered 50K+ accesses, significantly enhancing user experience.
    - Implemented 19 critical updates in December 2023, using TypeScript and Git, which improved application stability and reduced incidents.
    - Optimized iOS deployment processes using Fastlane and Xcode, reducing deployment times and increasing overall efficiency.
    - Achieved a 30% reduction in application size through strategic optimization initiatives using WEBP image format and switching to .AAB bundle format.
    - Ensured adherence to development patterns and architecture requirements using system architecture principles, maintaining project cohesion and efficiency.
    - Coordinated deployment efforts across three squads using IT leadership skills, ensuring seamless releases.
    - Managed the compilation and publishing of applications to app stores, overseeing a smooth and efficient deployment process.
    - Developed native modules using Swift, Objective-C and Java.
    - Upgraded the application from React Native 0.63.5 to 0.67.5 during a critical product moment, ensuring full functionality of SDKs, libraries, and modules.
    - Implemented automation for application integration and delivery in Xcode Cloud and

Bitbucket Pipelines, reducing downtime while compiling by 30 minutes.
- o Conducted reviews of pull requests, ensuring adherence to coding patterns and principles within the development team.
- o Enhanced the quality of life for the development team by removing more than 12.000 lines of deprecated code and unused libraries.
- As a Mobile Application Developer, I:
    - o Developed and maintained company projects, including infrastructure, API libraries, and mobile applications using React Native and TypeScript, which improved project functionality and user experience.
    - o Wrote TypeScript code for various project components, ensuring adherence to SOLID principles, clean code, and clean architecture patterns, resulting in more maintainable and scalable applications.
    - o Managed third-party library installations and patches in Objective-C, Java, and JavaScript, maintaining best practices in coding standards, which enhanced application performance and reliability.
    - o Implemented biometric authentication, secure storage, and screen orientation services through Expo Unimodules.
- As a Trainee, I:
    - o Developed mobile applications using React Native and JavaScript, which contributed to the company's portfolio and improved user engagement.

Key Technologies and Tools: React Native, TypeScript, Git, Mobile DevOps, Fastlane, System Architecture, IT Leadership, Redux.js, Swift, Java, Objective-C, JavaScrip, Expo.

EDUCATION
Bachelor of Computer Engineering
Universidade Salvador - UNIFACS, Bahia, Brazil   02/2017 to 12/2022
- **Relevant coursework:** Hardware, Software, Software Engineering, Software development, Embedded computing, Microprocessors Architecture.
- **Bachelor Thesis:** Systematic review of techniques based on gamma frequency supplementing the treatment of neurodegenerative diseases.

CERTIFICATES/COURSES
Mobile apps development bootcamp, IGTI, Brazil   09/2020

LANGUAGES
Portuguese: Native
English: Fluent