Rafael Ferraz

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Summary

Tech-savvy and results-oriented Senior Software Engineer with over 10 years of experience leading and building cross-functional mobile development teams (iOS, Android, React Native). Proven ability to establish best practices, set high technical standards, and deliver high-quality, scalable mobile features within Agile environments. Strong DevOps mindset with experience in automating the mobile development pipeline for repeatability and efficiency. Adept at facilitating sprints, managing risk, and fostering a collaborative team culture with clear communication and mentorship. Eager to leverage leadership skills to guide a cross-functional team of software engineers.

Technical Skills

- **Programming Languages:** Swift, Objective-C, Kotlin, Java, JavaScript, Python

- **Frameworks & Libraries:** SwiftUI, UIKit, CoreData, Jetpack, Compose, Retrofit, Room, React Native, Flutter

- **Development Tools:** Xcode, Android Studio, Visual Studio Code, Git, GitHub, GitLab, Jenkins, GitHub Actions, GitLab CI, CircleCI, Bitbucket

- **Architectural Patterns:** MVVM, MVC, VIPER, Clean Architecture

- **DevOps and Automation:** Docker, Kubernetes, Fastlane

- **Testing:** XCTest, JUnit, Espresso, XCTest UI, Appium, Selenium

- **Project Management and Collaboration:** Agile (Scrum), Jira, Trello, Asana

- **Cloud Services:** AWS (EC2, S3, Lambda), Google Cloud Platform (Firebase, Cloud Functions), Microsoft Azure (App Services, Azure DevOps)

- **APIs and Networking:** RESTful APIs, GraphQL, Retrofit (Android), Alamofire (iOS)

- **Database Management:** SQLite, Core Data (iOS), Room (Android), Firebase Realtime Database, Realm

- **Mobile-Specific Tools and Services:** Firebase Crashlytics, Sentry, Google Analytics, Mixpanel, Firebase Performance Monitoring, TestFlight, Google Play Console, App Center

- **Design and Prototyping:** Figma, Sketch, Adobe XD

- **Code Quality and Security:** SonarQube, OWASP Mobile Security Testing Guide, Android Lint, iOS Static Analysis with Xcode

- **APIs and Integration:** Stripe, PayPal, Square, Facebook SDK, Twitter API, Firebase Cloud Messaging (FCM), OneSignal

- **Backend-as-a-Service (BaaS):** Firebase, AWS Amplify, Backendless

Experience

Software Engineer - Uber

May 2021 - Feb 2024

- Spearheaded development and successful launch of features for Uber's high-traffic mobile app, improving user acquisition.

- Championed best practices for scalable and maintainable code, ensuring efficient development and maintainability.

- Mentored junior developers, fostering a high-performing team that consistently met sprint commitments.

Software Architect Specialist - Compasso UOL

Aug 2020 - Apr 2021

- Built and led a team of 15 mobile developers across multiple client projects.

- Established team norms, processes, and architecture direction, improving project delivery and code quality.

- Implemented TDD and CI/CD practices, resulting in a robust codebase and faster deployments.

Senior iOS Developer - CI&T

Feb 2020 - Aug 2020

- Fostered a DevOps culture, reducing deployment times and improving application quality.

- Streamlined the mobile development pipeline with CI and unit testing frameworks.

Mobile Developer - Book A Tiger

Feb 2017 - Feb 2020

- Led development and launch of a feature-rich mobile application from concept to market.

- Bridged business needs with digital solutions, collaborating with stakeholders to deliver user-centric features.

Android Developer - PayMeApp

Feb 2016 - Dec 2016

- Developed a secure mobile payment application, designing and implementing key security components.

- Managed the entire Scrum development cycle, ensuring successful app launch.

Android Developer - iOasys

Dec 2013 - Nov 2014

- Developed native Android applications for high-traffic clients, ensuring seamless data integration and functionality.

Education

- **Bachelor's Degree in Computer Engineering**, Pontifícia Universidade Católica de Minas Gerais (2010-2015)

- Focus on Mobile Software Engineering, University of Glasgow (2012-2013)