

Raul Mena

☎ (786) 367-3222 • ✉ raulmf9325@gmail.com • 📱 raulmf9325 • 🌐 raul-mena-67692b192

Experienced iOS Developer with 5 years of professional experience. I significantly contributed to the development of an ADT app with over 10,000 active daily users. Proficient in managing complex project demands and delivering innovative, functional solutions. I am committed to continually enhancing my skills in native iOS and Flutter mobile technologies.

WORK EXPERIENCE

iOS Developer

TKLABS

Sunrise, FL

Feb 2019 – Present

- Developed SoSecure by ADT, an iOS app currently supporting over 10,000 active daily users.
- Translated Figma designs into advanced and dynamic user interfaces, utilizing both UIKit and SwiftUI frameworks.
- Implemented the MVVM architecture using UIKit and RxSwift, and more recent features with SwiftUI and Combine.
- Modularized the codebase using Swift Package Manager, creating isolated, standalone features and significantly reducing compile times.
- Implemented location tracking with Google Maps and video calling with Twilio.
- Developed a Today widget and a Home widget to enhance the user experience beyond the main app interface.

Flutter Developer

TKLABS

Sunrise, FL

Aug 2023 – Present

- Developed a Flutter app for ADT (to be released), enhancing user accessibility and enabling international usage through comprehensive internationalization and accessibility support.
- Integrated Firebase Firestore to manage real-time data storage and designed a robust database client within the app to optimize data retrieval and manipulation processes.
- Implemented a custom package for scanning QR codes, facilitating seamless Bluetooth connectivity between the app and BLE devices.
- Crafted dynamic user interfaces and implemented BLoC architecture for clear state management.

iOS Developer Intern

Freedom Scientific

Saint Petersburg, FL

Sep 2017 – Jul 2018

- Developed an innovative iOS app tailored for the blind and visually impaired, enhancing user connectivity by notifying them of nearby friends using Bluetooth Low Energy (BLE).
- Integrated Firebase for secure user authentication and crafted a user-friendly interface with UIKit and Auto Layout, ensuring compatibility with VoiceOver for optimal accessibility.

TECHNICAL SKILLS

- **Languages and IDEs:** Swift, Objective-C, Dart. Xcode, VS Code.
- **User Interface:** UIKit, SwiftUI, Interface Builder (Storyboards, XIBs), Google's Material Design, Cupertino.
- **CI/CD and Version control:** Bitrise, AppCenter. Git, Bitbucket, GitHub.
- **Agile methodology:** Scrum, Jira.
- **Architecture patterns:** MVC, MVVM, Composable Architecture (TCA), BLoC.
- **Data persistence:** UserDefaults, Keychain, Core Data.
- **Functional reactive programming:** RxSwift, Combine.
- **Concurrency:** GCD, Operation Queues, Swift Concurrency model.
- **Networking:** REST APIs, JSON.

EDUCATION

University of Florida

Gainesville, FL

Bachelor of Science in Computer Engineering

Jan 2014 – Dec. 2018

Honors: Cum Laude (GPA 3.65 / 4.0)