

Mark Martin

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Experience

SANDIS

Nov 2023 – Present

iOS Developer

- Refactored the SANDIS app from MVVM to clean architecture with protocol-oriented design, reducing development sprint time by 30% while also increasing code base readability and organizational structure.
- Tested modular UI and data layers using XCTest and clean architecture with protocol-oriented design, maintaining 80% test coverage with through dependency injection and mock services.
- Collaborated with the QA team to translate complex documentation requirements into intuitive UI workflows, conducting user testing that guided two major design iterations.
- Integrated analytics via Firebase Analytics, Crashlytics, and Mixpanel, enabling data-driven insights for feature optimization and performance monitoring.

Chick-fil-A

Mar 2018 – Oct 2023

Director of Leadership Development

- Built an internal maintenance tracking iOS app using the camera and QR codes with SwiftUI and a CloudKit backend, reducing equipment downtime and improving reporting accuracy.
- Developed alongside executive team to create an onboarding and training iOS app for new hires and upcoming leaders to track skill progression, attendance and cross trainer feedback through a chat and comment system.
- Led leadership and technical training for 120+ team members across departments for over 3 years, contributing to top-3 performance among Chick-fil-A stores in San Diego.

Education

San Diego State University

Graduated May 2022

Bachelor of Science in Computer Science

Coursework: Data Structures and Algorithms, Computer Architecture, Machine Learning, Software Engineering

Hanko Academy – iOS Development Specialization

Oct 2023

Completed intensive project-based training focused on modern iOS development using Swift, SwiftUI, networking, and production architecture patterns under mentorship from industry engineers.

Published Applications

Keyoku – Swift, SwiftUI, Firebase, SwiftData, RevenueCat

App Store: apps.apple.com/us/app/keyoku

- Independently designed, developed, and launched a production iOS application on the Apple App Store, owning the full lifecycle from architecture and UX design through deployment and post-release iteration.
- Architected scalable application state using **SwiftUI**, **Swift Concurrency**, and **SwiftData**, enabling responsive UI updates and reliable offline persistence.
- Implemented backend integration and analytics using **Firebase**, enabling monitoring of user behavior, crashes, and feature adoption to guide product improvements.

Technical Skills

Languages & Frameworks: Swift, SwiftUI, UIKit, Xcode, Core Data, SwiftData, Swift Concurrency (Async/Await)

Tools & Platforms: XCTest, TestFlight, SwiftLint, Git, Firebase, Mixpanel, Xcode Cloud, Jira, Slack, Agile

Architecture & Patterns: MVVM, VIPER, Modularization, Dependency Injection, Networking