Conner Alegre

Senior iOS Engineer

www.conneralegre.dev | github.com/conxlgtm

Senior iOS engineer with 7+ years shipping production Swift apps. Experience includes watchOS delivery and 18 branded banking apps. Creator of Moonshine 1933 for iPhone, iPad and Mac.

PROFESSIONAL EXPERIENCE

Detroit Labs
May 2023 - Sep 2026

iOS Developer | Volkswagen myVW

- Owned front-end architecture and delivery of the myVW watchOS companion from design through release, including vehicle status, remote start/stop, climate and lock/unlock.
- Partnered with product, design, backend and QA to ship SwiftUI/UIKit features in a modular codebase using The Composable Architecture (TCA).
- Contributed to architecture for asynchronous vehicle commands, with conflict tracking, persisted scheduled operations, correlation IDs and centralized completion handling.
- Migrated MVVM features to TCA reducers and modules with dependency injection; added async/await workflows and Swift Testing coverage for navigation, authentication and API coordination.

First National Bank of Omaha
Aug 2019 - Mar 2023

Senior iOS Developer

- Maintained and evolved a shared iOS codebase powering 18 branded banking and rewards apps through client-specific configuration.
- Helped improve average App Store ratings from 2.5 to 4.5+ through stability and performance fixes, production triage and biweekly releases.
- Built Fastlane and GitLab Runner pipelines for builds, automated unit/UI tests, code signing and releases across the app portfolio.
- Shipped UIKit/RxSwift features using MVVM and Coordinators; introduced SwiftUI/Combine components and integrated Okta and biometric authentication.

SELECTED PROJECTS

Moonshine 1933 | Creator — www.moonshine1933.com

- Built a free chemistry reference for iPhone, iPad and Mac covering all 118 elements, with atom and ion building and comparisons of properties, spectra and isotopes.

WaylandClientKit | Creator — github.com/conxlgtm/WaylandClientKit

- Created a Swift 6 package for native Wayland clients on Linux, wrapping C interoperability and resource lifetimes in typed APIs for windows, input and data transfer.
- Built async event streams, protocol code generation, API compatibility checks, automated tests and CI.

TECHNICAL SKILLS

iOS: Swift, SwiftUI, UIKit, watchOS, Swift Concurrency, Combine, Objective-C, RxSwift
Architecture: TCA, MVVM, dependency injection, modular architecture, Swift Package Manager, REST APIs
Quality and delivery: Swift Testing, XCTest, XCUITest, Instruments, LLDB, Fastlane, GitLab Runner, CI/CD, Git

EARLIER EXPERIENCE

Bloom Institute of Technology | Team Lead, iOS (Contract)
May 2019 - Sep 2019

Mentored 10 iOS developers through sprint planning, code reviews and debugging.

Codecademy | Code Reviewer
Aug 2017 - Mar 2020

Reviewed 1,000+ iOS and web projects; provided live debugging support.

Education: Lambda School, iOS Development Bootcamp (2019) | Galvanize, Web Development Bootcamp (2015)