

# Guillermo Moraleda

## Profile

**Senior iOS Engineer** with 7+ years of experience building high-quality apps from the ground up using Swift, SwiftUI, and UIKit. Skilled in turning business needs into technical solutions, leading **cross-functional teams**, and driving **interview processes**. Expert in **mobile DevOps**, CI/CD pipelines, and automating app builds, testing, and deployments for seamless App Store releases.

## Experience

### Senior iOS Engineer, Audi Business Innovation GmbH - 2024 - Present

- **Member of the platform team**, ensuring the stability of the iOS ecosystem by building tooling and core features that other teams can consume.
- **Maintained and developed** new features for the Audi stage iOS app.
- **Documentation** of APIs and procedures.
- **Increased stability** by enhanced monitoring and reduction of app crashes.

### Senior iOS Engineer, Capmo GmbH, Munich – 2021-2024

- **Led the development** of an iOS project from scratch, contributing to its architecture and core functionality.
- **Developed proof-of-concepts (POCs)** using offline-first frameworks like AWS Amplify and MongoDB Realm.
- **Designed and implemented** a custom offline-first synchronization mechanism tailored to the project's needs.
- **Automated testing**, covering Unit, Snapshot, and UI tests to ensure robust code quality.
- **Applied development best practices**, including Gitflow, Swiftformat, Swiftlint, Danger, and CodeClimate, for a streamlined workflow.
- **Modularized the app** by creating and managing internal Swift Packages, improving scalability and maintainability.
- **Built and maintained** a continuous integration and delivery (CI/CD) pipeline using Fastlane, GitHub Actions, and CircleCI.
- **Enhanced observability and debugging** by integrating Firebase and Datadog into the project.

### iOS Engineer, MindDoc Health GmbH, Munich – 2021-2021

- **Maintained and developed** new features for the MindDoc iOS app, ensuring quality with unit, snapshot, and functional tests.
- **Refactored and updated** the codebase to align with clean code principles, enhancing readability and maintainability.
- **Improved the CI/CD workflow** and optimized the branching system, resulting in more efficient releases and collaboration.
- **Reduced external dependencies**, streamlining the app and minimizing potential risks from third-party tools.

#### iOS Engineer, **Cluno GmbH**, Munich – 2018-2021

- **Maintained and developed** new features for the Cluno iOS app, ensuring continuous product improvement.
- **Set up the entire development infrastructure**, including JIRA workflows, Bitbucket (later migrated to GitHub), and Bitrise as the CI/CD platform.
- **Implemented best practices** in the development workflow, such as Gitflow, Swiftformat, Swiftlint, and Danger, to maintain code quality and consistency.
- **Provided cross-platform support** to the Android team, facilitating platform collaboration and alignment.

#### iOS Engineer, **Mobile Software AG**, Munich – 2018-2018

- **CariApp (Swift)**: Developed a tracking app for monitoring patients' mood and consumption habits in addiction treatment.
- **SecurityInfo (Swift)**: Created a ticker app for receiving IT security updates.
- **MSC (Swift)**: Built an agenda app for the MSC conference, informing users about sessions and news.
- **CleverTanken (Obj-C)**: Developed a feature for accessing payment history within the app.
- **Fack ju Göhte 3 (Obj-C)**: Adapted the app to support a new marketing campaign for the film release.
- **Hackathon Organization**: Led a hackathon focused on chatbot technology.
- **Data Migration**: Migrated data from Dropbox to a private cloud NAS solution.

#### Technologies and Tools

Swift, Xcode, SwiftUI, MVVM, AWS, XCTest, Git, Figma, GitHub Actions, Ruby, Fastlane, SonarCloud, The Composable Architecture, AWS (Lambda, S3, DynamoDB, Amplify, Cognito, SecretsManager, CDK), Snapshot Testing, CircleCI, CodeClimate, Sentry, Amplitude, MVC, Stevia, Alamofire, Nimble+Quick, Firebase, Javascript, Typescript, Kotlin, Android Studio, RxSwift, Apollo GraphQL, Snapkit, GooglePlaces, Zeplin, Bitrise, HockeyApp, CocoaPods (Snapkit, Alamofire, Charts), JSON, CoreData, CoreLocation

#### Education

Universitat Pompeu Fabra, Barcelona – **BSc. And MSc. In Telecommunications Engineering**, 2006-2011

Major: Telematics.

Programming languages: C, Java, PHP, SQL, Python, HTML, CSS

Exchange Semester 2009-2010: Karlstad Universitet, Karlstad, Computer Science

#### Languages

German (fluent), English (fluent), Spanish (native), Catalan (native)