CHRISTIAN RAY LEOVIDO | Senior iOS Engineer |✉ 0xleovido@protonmail.com | 📱 +34 611 962 718 |
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SUMMARY

Senior iOS Engineer with 9+ years building production apps at scale. Led 80% CI/CD optimization and UIKit to SwiftUI to React Native migration for airline loyalty apps serving 1M+ users (British Airways, Aer Lingus, Vueling). Expert in SwiftUI, TCA, secure payments (3DS2/PSD2), and trunk-based delivery. Earned 2018 Business Innovation Award. Active mentor (155+ sessions, 85 reviews of 5/5 stars at Codementor).

SKILLS

iOS): Swift 6.x, SwiftUI, UIKit, Combine, async/await, The Composable Architecture (TCA), Xcode Cloud, protocol-oriented programming (POP), MVVM+Coordinator, Cocoapods, Swift Package Manager, Keychain, APNs, CoreData, App Tracking Transparency, Privacy Manifest, Deep Linking/Universal Links

Testing and Quality: TDD/BDD, XCTest, XCUITest, Given-When-Then, Jest, Feature Flags, Crashlytics, Firebase, Instruments profiling, Cypress, Charles Proxy

DevOps and Release: Fastlane, GitHub Actions, CI/CD, App Store Connect, TestFlight, Trunk-based development, Git (rebase/squash/fixups), Docker

Security and Payments: SSL Pinning, 3DS2 (EMV 3-D Secure), PSD2 SCA, Apple Pay, Apple Wallet, Google Pay, Auth0 OAuth2/OIDC, Encryption

Cross-platform: React Native (3 years production), Expo, Metro, Hermes, React Navigation, Redux Toolkit, Native Modules

Other: AWS (Lambda, Serverless), TypeScript, ReactJS, NextJS, NodeJS, MongoDB, Localization, Accessibility

EXPERIENCE

Luzia, **Senior iOS Engineer** (Contract) | *Hybrid, Madrid, Spain | Apr 2025 - Jun 2025*

- Integrated Google Ads SDK with optimized placements, maintaining app performance and 4.8★ App Store rating
- Resolved critical bugs affecting user retention; refactored core modules with comprehensive unit test coverage
- Improved CI/CD pipeline efficiency and code quality standards

Technologies: Swift, SwiftUI, SPM, Google Ads SDK, XCTest

Avios (IAG Loyalty via Leighton), **Senior iOS Engineer** (iOS, Android, React Native) | *Remote, UK | Nov 2021 - Mar 2025*

Led iOS and React Native development for airline loyalty apps serving 1M+ members across British Airways Executive Club, Aer Lingus Club, and Vueling Club.

Key Achievements:

- Reduced iOS build times by 80% (40 to 8 min) through Fastlane + GitHub Actions optimization
- Cut release cycles from 8 weeks to 2 weeks by establishing trunk-based development across 4 Scrum teams
- Led architectural migration from UIKit to SwiftUI to React Native without disrupting delivery velocity
- Integrated secure payment flows (Mastercard, 3DS2/PSD2, Apple Pay, Google Pay) with robust Keychain management
- Achieved 99.5% crash-free sessions at 1M+ users (scaling to 3M) through comprehensive testing and monitoring
- Mentored engineers on testing, CI/CD, Git hygiene, and release best practices across squads

Technologies: Swift, SwiftUI, SPM, UIKit, React Native, TCA, Combine, Fastlane, GitHub Actions, XCTest, Keychain

Self-employed, **Software Mentor/Consultant** | *Remote, UK | Jul 2020 - Nov 2021*
https://www.codementor.io/@christian.leovido

- Provided iOS consulting and development services to companies and individual clients
- Advised on software architecture, design patterns, and iOS best practices

- Mentored 85+ developers in Swift, SwiftUI, Combine, and scalable system design
- **Earned 5/5-star rating on Codemento**r with 155+ mentoring sessions

Technologies: Swift, SwiftUI, SPM, Combine, TCA, Architecture patterns

Independent, iOS contractor/consultant (Multiple projects) | *Remote, UK | Feb 2021 - Aug 2021*

- **Photon SDK / Lightswap**: Built crypto wallet app with custom SDK using SwiftUI, Combine, MVVM, TDD, Swift Package Manager; implemented encryption and secure storage
- **Audyo**: Implemented advanced audio playback (AVFoundation), widgets, push notifications, and REST integrations
- **Seamlessly**: Developed business app integrated with Salesforce; MVVM, Combine, VoIP, offline caching

Technologies: SwiftUI, SPM, Combine, AVFoundation, MVVM, TDD, Salesforce SDK

AccentPOS, **Co-Founder and Lead developer** (Full-stack and iOS) | *Hybrid, Fareham, UK | May 2016 - Nov 2021*
https://apps.apple.com/gb/app/accentpos/id1612505826

Built full-stack cloud POS system with iOS app, backend services, and payment integrations.

- Orchestrated web/mobile backends with payments, accounting, and orders with real-time sync
- Integrated Star Micronics printers, Paymentsense/Dojo/EVO payments, Xero accounting, Deliverect ordering
- Established TDD and Agile practices, earning 2018 Business Innovation Award
- Achieved ~60% code coverage across iOS and backend services

Technologies: Swift, UIKit, SwiftUI, SPM, Node.js, MongoDB, Fastlane, Payment SDKs

PERSONAL PROJECTS
Moxito (iOS, React Native, XCTest), **2x Hackathon winner** @ Devfolio, Farcaster
 https://devfolio.co/projects/moxito-app-ios-9810 / https://farcaster.xyz/callusfbi/0x4414d4c3
 Southampton, UK | Sep 2024 - Sep 2025
- Built iOS rewards app with HealthKit integration using SwiftUI and TCA
- **Won 2 hackathons**, reached **100 TestFlight users**, **1.1K followers**
- Implemented privacy-first architecture with secure data syncing
- devfolio.co/projects/moxito-app-ios-9810

CERTIFICATIONS
- **AWS Certified AI Practitioner** — Amazon Web Services | Issued Feb 2025 | Expires Feb 2028
  Credential: https://www.credly.com/badges/788a72c7-0241-46ae-8c67-0f059082defd/public_url
- **AWS Certified Cloud Practitioner** — Amazon Web Services | Issued Jul 2023 | Expires Jul 2026
  Credential: https://www.credly.com/badges/dca4de90-21f9-4b34-a530-84f56a7a9b38/public_url
- **AWS Early Adopter (Recognition)** — Amazon Web Services | Issued Feb 2025
  Credential: https://www.credly.com/badges/5668ae4c-ae98-482d-b9ff-664fce5896b0/public_url

EDUCATION
BMus (Hons) — **Piano Performance and Composition,** Trinity Laban Conservatoire of Music and Dance, 2014 – 2018
Final-year project — **Proxyma**: an AI recommender that suggests piano repertoire aligned to a player's level and stylistic preferences; uses piece metadata (tempo, key, technical demands) and similarity scoring to support practice planning and recital programming.

LANGUAGES
Spanish - Native, **English** - Advanced (**C1-C2**), **German** - Basic (**A2**)