

# Pericles Maravelakis

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Online CV version: <https://cloudfields.net/pmcv>

## Professional Summary

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Seasoned mobile architect and senior iOS/macOS engineer with 15+ years of experience designing, building and delivering high-performance applications. Proven track record in leading mobile architectures, scaling platforms and driving product strategy across mobile ecosystems. Adept in Swift, Objective-C, modern app architectures and Apple platform ecosystems, delivering App Store, enterprise and B2B apps end-to-end from product definition to rollout at scale. Experienced in system integration, server administration and backend services.

## Core Competencies

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- iOS architecture and delivery: Swift/Objective-C, UIKit, SDK Frameworks, XCTest; modular architectures (MVC/MVVM), dependency management, performance optimization, App Store deployment & optimization.
- Android platform: Practical Kotlin experience for architecture alignment and UI/backend parity; positioned as complementary capability, not primary focus.
- Mobile platform leadership: Mobile technical strategy, roadmap ownership, cross-functional leadership & collaboration, code quality standards, release governance and risk management.
- Backend integration and scalability: REST API design, mobile data delivery optimization, IaaS/BaaS and/or custom platforms (Firebase, Supabase, Parse), API versioning, staging/production isolation, public APIs.
- DevOps and CI/CD: Git (GitHub/GitLab/Bitbucket), branching strategies, automated testing, TestFlight/Play Tracks, Xcode Server; IaaS and Linux server administration and recovery, VPN/VPC, nodebalancers, firewalls & security, server optimization and content delivery.
- Media and real-time: streaming audio/video, live broadcasting, on-demand content, low-latency pipelines, offline experiences.

## Professional Experience

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### Senior iOS Mobile Applications Engineer

05/2010 – Present – Self Employed (Athens, Greece)

- Designed and launched top-ranking iOS apps, including Top-10 in Greek App Store.
- Built and scaled Radiofonic, a white-label mobile radio platform; delivered 7+ radio apps (US, UK, Canada, Greece) – platform was partially acquired later by Lineup Media (Yo Radio).
- Led architecture for mobile apps, backend services and third-party integrations.
- Provided consulting for iOS development, performance optimization and mobile product strategy.
- Delivered system integration solutions, networking and server infrastructure for businesses and public sector.

Current/recent projects:

- Radiofonic platform re-branding and revival,

- Village OS family scheduling app (iOS app and backend, pending release TBD),
- IT Infrastructure design and cloud services management for Bios Therapeutics pharmaceutical company,
- VPN remote access configuration and deployment for Environment, Climate Change and Civil Protection Management Authority

## Principal Mobile Engineer - Platform Architect

11/2017 – 02/2022 - Lineup Media Group (Yo Radio project) (Edwardsville, IL, US - remote)

- Owned mobile platform strategy and iOS delivery; implemented audio pipelines, offline caching, analytics, user profiles and growth instrumentation.
- Re-engineered Android backend and UI for platform consistency.
- Defined backend contracts, API versioning and environment strategy; mentored engineers and set code review standards.
- Integrated Icecast streaming and LAME codecs for live audio and contributed prototypes for Roots of Fight and UGC eSports initiatives to validate mobile architectures and content flows.

## Application Development Specialist

07/2017 – 06/2018 - Accenture PLC / Piraeus Bank (Athens, Greece)

- Led Accenture iOS team in feature expansion and modernization of Winbank mobile app; Optimized performance, security and user experience.

## Senior macOS/iOS Developer

06/2014 – 01/2017 - PEOPLECERT International Ltd. (Athens, Greece)

- Apple development delivering enterprise-level worldwide macOS/iOS solutions.
- Designed, built and delivered Exam Shield (macOS) and B2B/B2C iOS apps; introduced automation for exam processing (scan/marketing), encryption and secure content delivery.
- Integrated in-house proctoring and real-time communication systems in macOS Exam Shield.

## Senior Software Engineer

03/2012 – 05/2014 - Beeherd (SQLearn Ltd. mobile unit) (Athens, Greece)

- Developed iOS mobile app and defined content backend contracts for the LazyPub platform.
- Delivered 10+ enterprise apps on App Store based on LazyPub.

## Earlier Roles (selected)

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**ICT Manager** - Diastasi Training & Consulting Services (2008 – 2010): Daily ICT operations; ERP, B2B, B2C administration, analysis and solutions.

**Systems Engineer** - Technology Consultant - Gaia Informatics (2005 – 2008): Designed and integrated solutions for public/private sector agencies and businesses.

**ICT Administrator** - Lambrakis Foundation (2004 – 2007)

**ICT Administrator & Team Leader** - M.O.U. – ESF CMA (2000 – 2002)

**ICT Assistant & Help Desk** - Folli Follie (1999)

## Education

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**Master of Science in Informatics** (Computer Science and Software Engineering)

University of Edinburgh, Scotland, U.K.

**Bachelor of Science in Business Administration** (Computer Information Systems)

The American College of Greece (Deree)

## Technical Stack

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iOS: Swift, Objective-C, UIKit, SwiftUI, SDK Frameworks (Core Foundation, Concurrency, Codable, AVFoundation, MapKit etc), XCTest, Xcode, Instruments.

Architecture & Pattern: Model-View-Controller (MVC) and Model-View-ViewModel (MVVM) architectures; ISO 25010 standards for maintainability, reusability and performance.

Data: Realm, Core Data, SQLite; patterns for offline sync and conflict resolution; secure storage and encryption modules.

Services: REST, BaaS (Parse Platform, Firebase, Supabase); API design and observability integration.

Tooling: GitHub/GitLab/Bitbucket, Swift Package Manager, CocoaPods; CI/CD with TestFlight and Xcode Server; release automation practices.

Android: Kotlin, Android Studio (architecture and UI/backend alignment for feature parity).

Infra: Linux (RedHat/Debian), cloud/IaaS (Linode, Vultr, Azure), web (Nginx/Apache), database (MySQL, MariaDB, MongoDB), VPN/VPC, automation and recovery procedures.

## Leadership and Impact

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- Team leadership and mentorship for mobile engineers; instituted coding standards, review rituals and measurable quality gates.
- Product partnership: worked with PM/design/legal/compliance/customer support to ship working, secure, compliant consumer and enterprise apps at pace.
- Outcome focus: tied engineering decisions to business metrics (engagement, stability, revenue, operating cost) and iterated based on analytics.

## Notable Projects

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- Yo Radio (iOS/Android): streaming engine, personalization, analytics, growth loops; public API for partner apps.
- Yo Manager (iOS): live broadcast from mobile with Icecast/LAME; role-based access and remote configuration.
- Exam Shield (macOS): secure proctoring, comms integration, and operational telemetry supporting recurring revenue.

## Languages

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- **Greek:** Native Language
- **English:** C2 Proficient User level in Common European Framework of Reference for Languages
  - o Certificate of Proficiency in English, Cambridge University, 1995
  - o The American College of Greece English Certificate, 2001