

PAUL R. LEO MBA MEng

Senior iOS Contract Engineer • Swift / SwiftUI / UIKit • Shipping App Store products since 2008
Durham, UK • Remote / Hybrid UK • paul@tapdigital.com • [linkedin.com/in/paulrleo](https://www.linkedin.com/in/paulrleo)

Available: Immediate | IR35: Outside (open to Inside) | Rate: £600/day

PROFILE

Senior iOS contract engineer with 16+ years on the App Store, specialising in modern **Swift, SwiftUI, UIKit and Swift Concurrency**. Track record of shipping production iOS apps at scale: three UK App Store No.1s (Burger King, Met Office, Ekstra Bladet, the latter winning Danish App of the Year 2010) and two further Top 10s. Most recently lead architect across four iOS/Android products at **Chelsea FC's** digital arm, including AR pose-estimation, IoT (Bluetooth) and SwiftUI work. Comfortable joining established teams as a senior individual contributor and shipping into production from week one.

CORE IOS STACK

Swift (incl. 6.x strict concurrency), SwiftUI, UIKit, Combine, async/await, actors, Sendable, Core Data, Core Animation, Core Graphics, MapKit, ARKit, CoreBluetooth, Face ID, MVVM, VIPER, Factory DI, Swift Package Manager.

Testing & CI: XCTest, XCUITest, Quick / Nimble (BDD), TDD, TestFlight, Fastlane, Bitrise, GitHub Actions.

Backend / Cloud: Firebase (Firestore, Storage, Cloud Functions), AWS (Lambda, DynamoDB, AppSync, SNS, SQS, Cognito, Amplify, Serverless), Supabase, REST, GraphQL, OAuth.

AI / Emerging: OpenAI / Claude / Gemini API integrations, RAG pipelines, on-device AI tooling, zero-knowledge proofs (Noir / Rust), AR pose-estimation, IoT (Bluetooth devices).

Other: Git, Xcode, Agile / Scrum, Android (Kotlin / Java), Rust (AWS Lambda).

RECENT CONTRACT ENGAGEMENTS

Senior iOS Engineer | Hypercare Systems (ANGii)

2025 – Present

Greenfield iOS app for dementia care, built in pure SwiftUI MVVM with Swift 6.3 strict concurrency. Integrations with Supabase, Factory DI and OpenAI / Claude APIs. Designed and built a custom RAG pipeline and AI tooling. BDD with Quick / Nimble; CI via Fastlane.

Senior iOS Engineer | Powervault

2025

Designed and shipped iOS and Android Installer apps (SwiftUI MVVM) for Powervault's home-battery IoT product. Re-architected the backend to event-driven serverless on AWS, including a GraphQL API on Lambda written in Rust. Stack: Firestore, Factory DI, AWS Cognito, Amplify SDK, AppSync.

Senior iOS Engineer | Peerwalk

2024

Built an agentic-AI iPad / macOS app enabling teams to run rapid, frequent code reviews. SwiftUI MVVM with Factory DI, Firestore, GitHub APIs, and ChatGPT / Claude / Gemini integrations.

Senior iOS Engineer | zkFaith (Soonami.io)

2023

iOS app demonstrating zero-knowledge-proof privacy for personal data. SwiftUI MVVM with OnFido, Rust Noir cryptography library, Firestore, QR code scan / generation, Face ID.

SELECTED EARLIER EXPERIENCE

iOS Lead & Technical Architect | Chelsea Digital Ventures (Chelsea FC)

Apr 2019 – Jun 2022

Lead Technical Architect across four iOS / Android products at Chelsea FC's digital innovation arm:

- **Blue Fuel** — professional-grade sports-nutrition service app (iOS / Android).
- **Perfect Play** — football-training app using a bespoke pose-estimation algorithm in an AR environment.
- **C-Score** — general-health app with AR body scanning, camera-based heart-rate measurement, and a SwiftUI reaction-speed mini-game.
- **Footwork** — Bluetooth IoT exercise-ball training device with companion iOS app.

iOS Lead & Architect | Snatch Media Inc.

Mar 2017 – Jul 2018

Built the Snatch iOS and Android apps (Top 10 UK App Store, 1M+ users). Implemented VIPER on both frontends and introduced pure Scrum across product development as Scrum Master. R&D included Ethereum integration with AWS serverless (SNS / SQS / Lambda) and event-driven geospatial architectures using DynamoDB / AppSync and Firestore for near-real-time UI updates.

Owner & Lead iOS Engineer | TapDigital Ltd (consultancy)

Aug 2006 – Present

Independent iOS consultancy delivering App Store products to global brands and startups. Career-defining project highlights:

- **Burger King (iPhone, 2010)** — store finder with MapKit and Google forward geocoding. *No.1 on the UK App Store.*
- **Met Office (iPhone, 2010)** — optimised GPS location-finding for faster regional weather delivery. *No.1 on the UK App Store.*
- **Jyllands-Posten, Politiken & Ekstra Bladet (2010)** — iPhone apps for Denmark's three largest newspapers. *Ekstra Bladet reached No.1 and won Danish App of the Year 2010.*
- **Metro London (2010)** — iPad newspaper app reaching Top 10 on the UK App Store.
- **The Craftsman / Portal Entertainment (2013)** — world's first interactive thriller for iPad: a darkness-sensing interactive movie / puzzle game.
- **Other notable iOS projects:** MyPetPortal (2015, first fully vector / Core Graphics app), TokyoToys (2019, VIPER + RxSwift inventory app), Didlr (2012, social drawing feed), **BMW ConnectedDrive** (2012, Android port), **ProPublica** (2011, news app), Office² HD (2012, Android port), **Peugeot Gravity Drop & 308 Launch** (2014), **Wessex Water Leak Reporter** (2011, geofencing).

EARLIER CAREER

Co-Founder & Architect, Blueye Software / AccountsVision (2003–2006) — co-founded an accounts-production product for practising accountants.

Co-Owner & Developer, ReadtSwaplt.co.uk (2007) — Webuser-award-winning Web 2.0 community site (1.8M hits/month).

IT Consultant, Sapient London (2000–2002) — full-lifecycle delivery for Royal & Sun Alliance, Credit Suisse, Ukonline.gov.uk and The Open University.

Earlier roles at IBM (Bedfont Lakes, 1999) and **DERA / QinetiQ** (1997–98).

EDUCATION & CERTIFICATIONS

MBA with Distinction — Durham University Business School (2007–2008).

MEng (2:1 Hons) Systems Engineering — Loughborough University (1995–2000).

Certifications: PRINCE2 Practitioner • Professional Scrum Master (PSM I & II) • Professional Scrum Product Owner (PSPO I) • Sun Certified Java Programmer (SCJP).

INTERESTS

PADI Open Water Diver • Hiking and lightweight camping • Badminton and tennis (league competitions) • Flight simulators and aviation.

References available on request.