



AARON STRICKLAND

X Mobile Software Developer – iOS & Android X

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Mobile developer since 2018 with a focus on native iOS and Android. Sole mobile developer at two companies – built both platforms from scratch, owned the full release pipeline, and shipped to production independently. Most comfortable in Swift and Kotlin, but I've also built full-stack web projects and automated content systems using AI agents. I pick up new tools quickly and enjoy solving problems where software meets hardware.

INVENTORY

PRIMARY

Swift, SwiftUI, UIKit, Kotlin, Jetpack Compose – native-first on both platforms since 2018.

SECONDARY

React Native/Expo, TypeScript, Next.js, Node.js, Python – used for personal and freelance projects.

INFRASTRUCTURE

Firebase, Supabase, Vercel, REST APIs, WebSockets, CoreBluetooth, BLE protocol integration.

TOOLING

Git, Fastlane, GitHub Actions, TestFlight, Google Play Console, Xcode, Android Studio, Jira, Figma.

STATS



ALSO: SQL, Python, C# | CoreBluetooth, CoreData, Combine, AVFoundation, MapKit | Room, Retrofit, Hilt/Dagger, Coroutines | Testing (XCTest, JUnit, Espresso) | Postman, Charles Proxy

QUEST LOG

CONTRACT DEVELOPER – DYNAMIC ACCESS SOLUTIONS

2025 – Present

- Brought back to modernise legacy Java/Objective-C mobile apps to Kotlin and Swift.
- Building a cross-platform BLE key management tool to replace a discontinued vendor SDK – macOS and Windows desktop via Python/WebSocket architecture.
- Reverse-engineered an undocumented encrypted BLE protocol (AES-128-ECB) to restore key programming functionality after vendor support ended.

SOFTWARE DEVELOPER – UNIFY BUSINESS SOLUTIONS

2021 – 2025

- Sole mobile developer responsible for iOS and Android apps used daily in custodial environments.
- Shipped both platforms from scratch to production – App Store and Google Play, including CI/CD setup with Fastlane.

- Implemented VoIP calling, real-time messaging via WebSockets, and push notification infrastructure.
- Maintained strict compliance standards for sensitive communications data in prison and secure facility contexts.
- Handled all crash triage, hotfix deployments, and release management independently.
- Collaborated directly with backend developers on API design, WebSocket contracts, and database schema changes.

SOFTWARE DEVELOPER – DYNAMIC ACCESS SOLUTIONS

2018 – 2021

- Built the iOS and Android apps for eLOQ – a BLE-based smart key system used across multiple commercial sites.
- Integrated Chinese manufacturer BLE SDKs, debugging undocumented firmware behaviour across hardware revisions.
- Developed admin tools for key management, access logging, and multi-site user permissions.

SHIPPED APPS

eLOQ – Dynamic Access Solutions

BLE smart key management. I built both mobile apps, integrated encrypted hardware protocols, and developed the admin dashboard.

[iOS & ANDROID](#)

UNIFY MESSENGER – Unify Business Solutions

Secure messaging for the custodial sector. Sole mobile developer – built both apps, VoIP calling, and real-time messaging.

[iOS & ANDROID](#)

POWERFUL REPORTS – Personal

Ofsted inspection analytics for early years practitioners. Built for my wife's consultancy – used by nurseries across the UK.

[iOS, iPAD & ANDROID](#)

ORDERNISE – Personal

Sales and inventory tracking app for independent online sellers. Designed, built, and shipped solo.

[iPHONE & iPAD](#)

ODDLY ENOUGH – Personal

Weird news app with a fully autonomous AI pipeline – 7 agents handle sourcing, writing, quality auditing, SEO, and social media posting.

[iOS & WEB](#)

TRAINING GROUNDS

BSc SOCIAL COMPUTING

University of Lincoln – 2015 – 2018

BTEC LEVEL 3 EXTENDED DIPLOMA IN COMPUTING

The Grimsby Institute – 2013 – 2015

BONUS STAGE

SIDE PROJECTS: Open-source Swift packages (Toastie), autonomous AI-powered news site (Oddly Enough), and full-stack web apps. Genuinely interested in AI tooling and developer workflow automation.

REFERENCES: Available on request.

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