AARON STRICKLAND

⚔ **Mobile Software Developer — iOS & Android** ⚔

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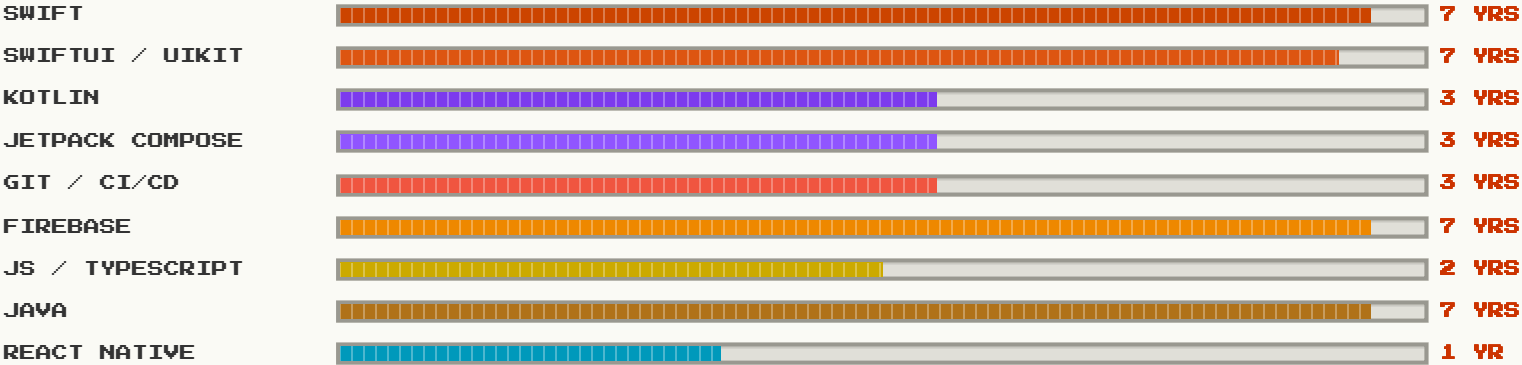React Native/Expo, TypeScript, Next.js, Node.js, Python — used for personal and freelance projects.

🔥 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 ────

Skill	Experience
SWIFT	7 YRS
SWIFTUI / UIKIT	7 YRS
KOTLIN	3 YRS
JETPACK COMPOSE	3 YRS
GIT / CI/CD	3 YRS
FIREBASE	7 YRS
JS / TYPESCRIPT	2 YRS
JAVA	7 YRS
REACT NATIVE	1 YR

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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