



# AARON STRICKLAND

X Mobile Software Developer – iOS & Android X

Lincoln, LN6 | 07447 000 599 | aaron.strickland@icloud.com  
github.com/aarons2222 | aaron-strickland.vercel.app

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

SWIFT	<div style="width: 100%;"></div>	7 YRS
SWIFTUI / UIKIT	<div style="width: 100%;"></div>	7 YRS
KOTLIN	<div style="width: 100%;"></div>	3 YRS
JETPACK COMPOSE	<div style="width: 100%;"></div>	3 YRS
GIT / CI/CD	<div style="width: 100%;"></div>	3 YRS
FIREBASE	<div style="width: 100%;"></div>	7 YRS
JS / TYPESCRIPT	<div style="width: 100%;"></div>	2 YRS
JAVA	<div style="width: 100%;"></div>	7 YRS
REACT NATIVE	<div style="width: 100%;"></div>	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.

\* PRESS START TO HIRE \*

– PLAYER 1 READY –