

# Kieran Maguire

Mobile Developer

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## Profile

Mobile developer with four years of experience building iOS and Android apps in Swift and Kotlin. Currently at a travel tech company where I rebuilt their passenger-facing app from scratch — it now handles 1.2 million bookings a month. Previously worked on a fitness app with 400k monthly active users. I care about performance, clean architecture, and shipping things that people actually want to use.

## Experience

**Mobile Developer**, Trainline, Bristol

Jan 2023 – Present

Part of the mobile platform team building and maintaining the iOS and Android apps used by millions of rail passengers across the UK and Europe.

- Rebuilt the ticket wallet screen in **SwiftUI**, reducing load time from 2.8s to 0.6s and cutting crash reports on that screen by **94%**
- Implemented offline mode for boarding passes — used by **1.2 million passengers** in the first 6 months
- Led migration from RxSwift to **Combine + async/await** across 14 modules, reducing third-party dependency overhead by 40%
- Set up automated UI testing with **XCTest and Espresso** — 320+ test cases running on every PR

**Junior Mobile Developer**, Gymshark, Solihull

Mar 2021 – Dec 2022

Worked on the Gymshark Training app, building workout tracking features for iOS and Android.

- Built the exercise logging module in **Kotlin + Jetpack Compose** — used by **400k monthly active users**
- Integrated Apple HealthKit and Google Fit APIs, syncing workout data for **180k+ connected users**
- Reduced Android app size from **87MB to 52MB** through image compression, code shrinking with R8, and removing unused dependencies

**Mobile Developer Intern**, Mubaloo (now Skyscanner Mobile Lab), Bristol

Jun 2020 – Sep 2020

Summer placement in a mobile agency working on client projects.

- Built a prototype loyalty card app in **Flutter** for a national retail client — delivered in 8 weeks
- Wrote unit tests for an existing **React Native** codebase, bringing coverage from 22% to 61%

## Education

**BSc (Hons) in Computer Science**, University of Bristol, Bristol

Sep 2017 – Jun 2021

Upper Second Class Honours (2:1). Dissertation on *battery-efficient background sync patterns in mobile applications*.

## Skills

Swift & SwiftUI, Kotlin & Jetpack Compose, iOS SDK (UIKit, Core Data, Combine), Android SDK (Room, Retrofit, Hilt), React Native, Firebase (Analytics, Crashlytics, Remote Config), REST APIs & GraphQL, Git & CI/CD (Fastlane, Bitrise), XCTest & Espresso, Figma (design handoff)

## Certifications

**Google Associate Android Developer**, Google

Aug 2022 – Aug 2025

**Apple Certified iOS Technician**, Apple

Nov 2023 – Nov 2026

## Languages

English (native), Irish (conversational)

## Projects

**Offline Boarding Pass – Trainline**

Apr 2023 – Oct 2023

Designed and built offline ticket storage for rail passengers with no signal at stations.

- Implemented **Core Data (iOS)** and **Room (Android)** local storage with encrypted ticket barcodes
- Used by **1.2 million passengers** in first 6 months with a 4.8-star App Store rating for the feature
- Reduced customer support tickets about "can't show my ticket" by **67%**

**Workout Logger – Gymshark Training**

Sep 2021 – Jun 2022

End-to-end build of the exercise tracking module within the Gymshark Training app.

- Built in **Kotlin with Jetpack Compose** — set/rep tracking, rest timers, and progressive overload graphs
- Integrated with **Apple HealthKit and Google Fit** for automatic calorie and heart rate sync

## References

**Sana Hussain**, Senior Mobile Engineer, Trainline, sana.hussain@trainline.com, +44 7700 900 487

**Tom Beckett**, Engineering Lead, Gymshark, tom.beckett@gymshark.com, +44 7700 900 613

## **Extra Curricular Activity**

### ***Organiser - Bristol Mobile Devs Meetup***

Co-run monthly meetups for iOS and Android developers in Bristol. Grew from 15 to 55 regular attendees over 18 months.

*Mar 2023*

### ***Volunteer - Code Club at St Mary Redcliffe Primary***

Taught Scratch and basic Swift Playgrounds to Year 5 and 6 students. Ran 30 weekly sessions over the school year.

*Sep 2022 - Jul 2023*