Rayane Kurrimboccus

Senior iOS engineer with a product mindset, amplified by AI.

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github.com/Rayane-K Based in France



I'm Rayane, an iOS engineer with 9 years of experience on high-traffic and security-critical apps: Oui.SNCF, Dashlane, and now Decathlon Hub, which I'm rebuilding from scratch in SwiftUI. iOS is my craft, but I don't stop at the app: I build backend services when the product needs them, write the specs and push for the decisions that matter to users.

Engineer first, product-minded

I work like a product engineer: I start from users and data, write the spec, design in SwiftUI, and direct AI agents through implementation and tests. Agents write almost all of the code; the decisions, the architecture and the quality bar stay mine.

- Features start from user feedback and analytics: retention, DAU/MAU, conversion, ratings.
- Every spec is challenged until nothing is left open. Nothing is built before the product is validated.
- Claude Code and Codex write nearly all the code. I keep the architecture clean and tested, with boundaries the build enforces.
- At Decathlon I drive AI adoption: agent documentation, shared skills, review guidelines.

EXPERIENCE

Jan 2024 – Present

Senior iOS Engineer · Decathlon

Decathlon Hub

Rebuilding Decathlon Hub, a high-traffic app for connected sports equipment, from scratch.

- Complete rebuild of the app, 100% **SwiftUI**.
- **Clean Architecture** with explicit dependency management, modularized with **Tuist**.
- Built the core engine of the **BFF** (**Backend for Frontend**) that turns thousands of requests, each carrying thousands of activity data points, into the app's charts: maths on GPS, heart rate, speed and pace.
- The team owns the **BFF** and its **OpenAPI** contracts, with generated code checked at compile time on both sides.
- Delivered a feature end to end, from the backend to the iOS and Android apps.
- Built a complete in-app debug menu for developers and testers.
- **Bluetooth Low Energy** across multiple device SDKs, in an ecosystem of local databases and several backend layers.
- Find root causes in other teams' code and fix them with **pull requests** in their repositories, instead of waiting.
- Drive AI adoption in the team: documentation for agents, shared skills, code review guidelines, internal sessions.
- Close work with product managers and designers, with a real voice on product and design decisions.
- Accessibility and animations treated as first-class features.

Nov 2019 – Jan 2024

Senior iOS Engineer · Dashlane

Fully remote · working daily with New York and Lisbon

Password manager. iOS, **macOS**, Safari extension, **AutoFill** extension, **watchOS** and **widgets**, in a team of 10 iOS engineers working in English.

- Rewrote the app's screens from scratch in **SwiftUI** and **Combine** (**MVVM**), then refactored the whole app navigation in **SwiftUI**, including **NavigationStack** for login.
- Rebuilt the **AutoFill credential provider** extension in **SwiftUI** and added data sync between the app and its extensions through **App Groups**.
- Shipped the **macOS** app with **Catalyst** from the shared iOS codebase.
- Designed the modular **Swift Package** architecture (Foundation, Core, Feature layers) and wrote about it on the Dashlane blog.
- Built "Import from LastPass", a strategic feature after the LastPass breach.
- Migrated async code to **structured concurrency**, Carthage to **Swift Package Manager**, and contributed to the **Core Data** → **GRDB** migration.

Apr 2018 – Nov 2019

iOS Engineer · Oui.SNCF

now SNCF Connect

France's train booking app, in a mobile team of about 30 people.

- New features in **Swift**: bus booking, **Siri Shortcuts** to show your ticket, search improvements, a rebuilt loyalty cards section.
- Split the app into frameworks to cut compile and launch time, and wrote about it on Medium.
- Bridged **Swift** with the legacy **Objective-C** code base, in a monorepo with **Jenkins** CI.

Jul 2017 – Nov 2017

iOS Engineer (agency) · Diji

Several client apps, including a mission on Medicapp. Released 3 apps to the App Store, in **Swift** and **Objective-C**. Set up a **Jenkins** server with **fastlane** and **AWS** for iOS and Android test automation.

Nov 2015 – Jun 2018

Teacher · Supinfo International University

Taught **Swift**, C, web and object-oriented programming to first- to third-year students, and ran the exams.

2015 – 2016

Web and iOS developer at Asifiwe Ltd (UK internship), 42Stores and Lok-iz. Front end, PHP back end and a first **Swift** app.

PROJECTS

Sept 2025 – Present

PokeRadar · iOS · Android · 4.8★, 100+ ratings

The companion app for Pokémon GO: event checklists, live raid lobbies and an IV scanner that works in the wild.

- **SwiftUI** app with a **ReplayKit broadcast extension** that reads Pokémon stats from the game screen with **Vision**, plus a custom keyboard.
- Android app in **Kotlin** and **Jetpack Compose**, at feature parity with iOS.
- Realtime raid rooms on Cloudflare **Durable Objects** over **WebSockets**; **Workers**, **KV** and **R2** for the API and content; **Supabase** for **Postgres** and auth.
- Subscriptions, push notifications, analytics and localization in 10 languages.

App Store · Google Play · Discord

2024

Also on the App Store

AntiSpam (4.6★, 800+ ratings) · **Volume Blocker** (4.3★, 300+ ratings) · **Authenticator** · **QR Code Generator**

SKILLS

Swift & UI	Swift · SwiftUI · Combine · async/await · Swift macros · UIKit · Objective-C · Accessibility · Animations
Architecture	Clean Architecture · MVVM · Modularization · Swift Package Manager · Tuist · Dependency injection
Apple platforms	iOS · macOS / Catalyst · watchOS · Widgets · App extensions · BLE · StoreKit
Data & backend	GRDB / SQLite · Core Data · BFF · OpenAPI · Cloudflare Workers · Supabase · Vapor
Product & data	User research · Specs · Google Analytics · Amplitude · Datadog · ASO
Delivery	Unit & UI tests · Xcode Cloud · Bitrise · GitLab CI · GitHub · fastlane · Feature flags · App Store release
AI tooling	Claude Code · Codex · Copilot · MCP · Agent skills · Test-first agents

EDUCATION

Master of Science, Computer Engineering
Supinfo International University · 2015 – 2018

Programmer analyst diploma
Exia.Cesi · 2013 – 2015

WRITING

How to Organize Your Swift Packages · Dashlane blog, 2023
8 articles and 1 talk · medium.com/@rayane.kurrimboccus

LANGUAGES

French (native) · English (fluent, C1)