

KHALID ALAOUI

iOS Lead & Project Manager

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PROFESSIONAL SUMMARY

iOS Lead at Zaytech. I run a white-label platform of 288 live restaurant apps built from one Swift codebase, rated 4.94★ across 12,868 App Store ratings. I own it end to end: the app, its release pipeline, payments and the analytics behind it.

TECHNICAL SKILLS

iOS	Swift, SwiftUI, UIKit, Foundation Models, Apple Pay, MapKit, Firebase (App Check, Crashlytics), XCTest, Swift Package Manager, CocoaPods, Xcode
Release	Fastlane (Match, deliver), GitHub Actions, App Store Connect API, TestFlight, Git
Backend	Node.js, Express, SQLite, Laravel, MySQL, REST API design
Languages	Swift, JavaScript, PHP, Python, SQL

WORK EXPERIENCE

iOS Lead & Project Manager, Zaytech Software 07/2023 - Present
Mohammedia, Morocco

- Lead the iOS platform behind 485 configured restaurant apps (288 live on the App Store, 4.94★ across 12,868 ratings), including [Roxy's Island Grill](#) and [Bagel Boss](#). Top contributor to the codebase, with 1,300 of 3,353 commits.
- Rebuilt white-labelling so a new restaurant app is a configuration change, not a code change: one file now drives each app's branding, colours and features.
- Built the release pipeline (Fastlane and GitHub Actions on a self-hosted Mac mini) that signs, builds and uploads every outdated app in parallel. Rolled one template release out to 333 merchant apps in a month, and new apps are registered in App Store Connect automatically.
- Improved app quality: fixed a tab-bar crash caused by an out-of-range index, removed coordinator retain-cycle leaks, cut about 1,000 DateFormatter allocations per checkout, moved location checks off the main thread, gated tracking behind App Tracking Transparency consent, and added the app's first unit tests (18 XCTest cases).
- Implemented Apple Pay end to end, synced app orders to restaurants' Clover POS terminals, and restricted the API to genuine clients with Firebase App Check.
- Built the analytics platform (Node.js, SQLite, worker threads) that tracks orders, conversion and checkout health across 287 active iOS and Android apps, about 27,000 orders a month.

Other projects at Zaytech

- Led the RSU (Registre Social Unifié) iOS app, which calculates social-registry scores from a multi-step form, with full light and dark mode.
- Built an iOS chatbot on the Google Gemini API, an event-ticket scanning app with secure login, and the REST API for "The Foodies" restaurant social platform (Laravel, MySQL).

Web Developer Intern, Zaytech Software 2023 · 1 month
Mohammedia, Morocco

- Designed and built a full-stack movie and TV show web app on my own: a Laravel REST API with MySQL, and a React front end.

OPEN SOURCE

- SmartKit (Swift, MIT)**. Drop-in SwiftUI components built on Apple's on-device Foundation Models: a streaming text summary and guided-generation tagging with @Generable. Detects when Apple Intelligence is unavailable (OS, device, settings, model download or language) and falls back automatically, so apps never need their own checks. Ships through Swift Package Manager and CocoaPods, with tests and a macOS demo app.

EDUCATION

Digital Development, Specialised Technician Diploma, ISTA Mohammedia	2021 - 2023
Economics (one year), Faculté des sciences juridiques, économiques et sociales de Mohammedia	2020 - 2021
Baccalaureate, Physics and Chemistry, Beni Yakhlef High School	2019 - 2020

LANGUAGES

Arabic (native), English (fluent), French (intermediate), German (basic)