

ACHRAF TRABELSI

IOS TECH LEAD

CONTACT

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AI & DEV TOOLING

- ▶ Claude Code (daily driver)
- ▶ Custom MCP servers
- ▶ Custom Claude Skills
- ▶ Auto-lint hooks
- ▶ cmux · iTerm2

CORE STACK

- ▶ Swift 6 · SwiftUI · Combine
- ▶ Clean Architecture · MVVM
- ▶ SPM · Micro-apps modulaires
- ▶ Design System & tokens
- ▶ DI Swinject · SOLID
- ▶ Swift Testing · XCTest
- ▶ GitLab CI · Fastlane · Firebase
- ▶ GRDB · SQLCipher · Keychain
- ▶ PDFTron · CryptoKit

IMPACT

- ▶ 10 years of iOS experience
- ▶ 20+ apps shipped to production
- ▶ Tech Lead since 2024
- ▶ Fortune-500 clients

LANGUAGES

French Native / Bilingual
English Full Professional
Arabic Native / Bilingual

EDUCATION

National Engineering Degree in Computer Science – Mobile Information Systems
ESPRIT – École Supérieure Privée d'Ingénierie et de Technologies
2013 – 2016

Applied Bachelor's in Computer Science – Network & Services Administration
ISI Ariana – Institut Supérieur d'Informatique d'Ariana
2010 – 2013

CERTIFICATIONS

- ▶ KNX (ETS4 / ETS5)
- ▶ Swift

PROFILE

Senior iOS Tech Lead with 10 years of experience designing, architecting and shipping business-critical iOS apps for Fortune-500 clients (ENGIE, Société Générale, Crédit Agricole) and B2B SaaS editors (Oodrive). Expert in Swift, SwiftUI, Combine and Clean Architecture, I specialize in modular SPM architectures, centralized Design Systems, industrialized CI/CD pipelines and advanced quality practices (Swift Testing, SwiftLint, SonarQube). AI-assisted development pioneer: I use Claude Code daily and introduced a full AI workflow (MCP, custom skills, hooks) in the Oodrive Work iOS app. Technical Reviewer at Packt for the book "AI Driven Swift Architecture".

KEY ACHIEVEMENTS

- ▶ Rolled out the team's AI workflow around Claude Code (project CLAUDE.md, custom MCP, Claude Skills, auto-lint hook).
- ▶ SPM modular architecture (6 modules + 5 internal libraries) for Work (LVMH, Crédit Agricole, BNP, Paris Bar).
- ▶ Centralized Design System tokens & cross-apps Logger powering the whole Oodrive suite.
- ▶ Industrialized CI/CD pipeline GitLab → Fastlane → SonarQube → Firebase (Swift Testing + XCTest).
- ▶ Packt Technical Reviewer — "AI Driven Swift Architecture" book.

EXPERIENCE

iOS Tech Lead → Senior iOS Developer — Oodrive Oct 2022 – Present • Paris

- ▶ "Work" app (secure document management): MVVM + Clean Architecture, 6 SPM modules, 5 internal libraries (Core, DesignSystem, Shared, Chat, SQLCipher).
- ▶ PDF viewer (PDFTron), SwiftUI photo/video viewer, Face/Touch ID biometrics, real-time chat, encrypted offline mode (GRDB + SQLCipher).
- ▶ Team AI workflow: project CLAUDE.md, 3 MCP servers (XcodeBuildMCP, apple-docs, mobile-mcp), 4 custom Claude Skills and an auto-running SwiftLint hook. Daily Claude Code driver (cmux, iTerm2).
- ▶ Oodrive OTP (TOTP 2FA + Keychain), Meet (SPM/SwiftUI migration, Docker white-label tool) and Share (critical memory fix, LVMH / CA white-labels).

Swift 6 • SwiftUI • SPM • Swinject • PDFTron • GRDB/SQLCipher • Swift Testing • Fastlane • GitLab CI • Claude Code • MCP • Claude Skills

Technical Reviewer (side project) — Packt Aug 2025 – Apr 2026 • Remote

- ▶ Technical review of the "AI Driven Swift Architecture" book: Swift code validation, architecture decisions review, pedagogical feedback.

Senior iOS Developer → iOS Developer — Niji (ENGIE assignment) Dec 2018 – Sep 2022 • Paris

- ▶ ENGIE Particulier app (ERL + SuiviConso): ERL key onboarding flow, Netatmo SDK, real-time SSE streaming, major UI redesign.
- ▶ App Store rating raised from 3.2 to 3.9 via an in-app rating system. Replaced a Chart library with a custom base on native Apple APIs.

Swift • Objective-C • RxSwift • Combine • SwiftUI • Alamofire • SAFe

iOS Developer — Easy Mountain • Société Générale • Mobile Powered 2016 – 2018 • Paris / Tunis

- ▶ Mhikes (MPMhikesPresentation & MPMhikesNavigation frameworks, Swift 4 migration), Who's Up (iOS app + MPInstant framework), SogeSmart (SG New-Caledonia banking), Crédit Agricole Germany, MyInovallée and Galerie Photo (iOS + Node.js/Express back-end).

HONORS & AWARDS

- ▶ Microsoft Imagine Cup – Tunisia Local Finals 2015: Winner (Games) & Finalist (Innovation).