



Kurt Durrell Codina

iOS Engineer + Bubble.io Developer

iOS Engineer with experience on Japanese language learning, live-streaming, vessel fleet management apps with 100,000+ downloads. Proficient in Swift, SwiftUI, UIKit, Swift Concurrency, WebSockets, Firebase, networking, authentication, and modular architecture. Experience in developing and deploying cutting-edge AI integrations, automation and remote team collaboration.

Personal Data

Address:	Barcelona, Spain (Residence Permit)
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Phone:	+34 674 004 756
English:	C2 (IELTS 8.5 Band Score)

Experience

Illex LLC / iOS Engineer

NOVEMBER 2024 - PRESENT

- Developed a vessel fleet management iOS iPad app from scratch using SwiftUI, ensuring a modern and efficient user experience.
- Built robust networking features using URLSession and WebSockets, enabling real-time data synchronization with a Node.js backend.
- Designed and implemented a PostgreSQL database schema to efficiently store and retrieve vessel data.
- Developed reusable UI components for fleet tracking, reporting, and operational workflows.
- Adopted MVVM architecture and integrated Swift Concurrency to handle asynchronous tasks, improving app responsiveness and data handling.
- Managed source control and collaboration using GitHub, ensuring smooth development and code reviews.

Forty Degrees Celsius Inc / iOS Engineer

APRIL 2023 - NOVEMBER 2023

- Developed and optimized features for language learning and live-streaming iOS applications in the Japanese language, achieving over 100,000+ downloads on the App Store.
- Built and maintained UIKit-based user interfaces using Swift and Objective-C, adopting MVC architecture, ensuring seamless multilingual support, including Japanese..
- Integrated URLSession and Alamofire for efficient networking, optimizing API communication with backend services built on CakePHP.
- Utilized Grand Central Dispatch (GCD) to manage asynchronous operations efficiently, ensuring smooth app performance even during heavy background tasks.
- Implemented authentication, real-time data synchronization, and analytics using Firebase (Auth, Firestore, Realtime Database, and Crashlytics).
- Managed dependencies and modularized the codebase using CocoaPods for scalable development.
- Ensured smooth Agile development with Git version control, Jira, CI/CD pipelines, and code reviews, leading to faster iterations and stable releases.

Pro5.ai / Senior Bubble.io Developer

NOVEMBER 2023 - NOVEMBER 2024

JUNE 2021 - MARCH 2023

- Led the development of an AI-powered recruiter that uses Azure OpenAI APIs and retrieval-augmented generation (RAG) techniques from scratch.
- Integrated AI Speech-to-Text API Whisper and Synthesia AI avatar API to automate conversational user interaction.
- Designed and implemented custom JavaScript plugins to implement tailored functionalities on Bubble.io.
- Engineered custom scoring formulas to optimize candidate recommendations and augment results from generated AI analyses.
- Developed efficient database structures and streamlined API integrations to enhance performance and scalability.
- Led prompt engineering to refine AI responses and improve recruitment automation.
- Managed and collaborated with a fully remote, asynchronous team based in Spain,

Belgium, Singapore, India, the Philippines, and the USA ensuring seamless execution across different time zones.

Education

Udemy / iOS & Swift - iOS App Development Bootcamp

2022 - 2023

Silliman University / Bachelor of Science in Computer Science

2018 - 2022