

Juan Carlos Velasco Sánchez

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Skills

Software: Swift, Kotlin, C#, Java, TypeScript, JavaScript, Python.

Frameworks: Jetpack Compose, SwiftUI, Xamarin Native, React, Keras, Jupiter Notebook.

Other: Git, Unit Testing, AWS.

Experience

Software Engineer, Minsait – Salamanca, Spain

October 2024 – Present

- Contributed to the development of a shared accessibility framework adopted across all company applications using the same technology stack, ensuring compliance with accessibility standards.
- Collaborated on the migration from MVP to MVVM architecture, improving code scalability and testability for a mobile app with over 20,000 downloads.
- Led the redesign of key iOS app views, simplifying codebase structure, and improving maintainability across multiple modules.

Software Engineer (Intern), Minsait – Salamanca, Spain

July 2024 – September 2024

- Built new features using Clean Architecture for a mobile app with over 20,000 downloads.
- Improved app accessibility by conducting an audit of WCAG 2.1 and implementing screen reader support, keyboard navigation, and contrast fixes - increased the IRA score from 5 to 8.

Software Engineer (Intern), NTT Data – Salamanca, Spain

February 2023 – May 2023

- New features built for a web app built for a top electric company in Spain.
- Improved testing coverage in both the back-end and front-end parts of the app (up to 85% code coverage).

Projects

StudyAI

github.com/jcarlosvelasco/studyAI

- Developed a SwiftUI app that leverages Gemini AI to generate custom quizzes from user-uploaded PDFs, helping students study more effectively by transforming study material into AI-generated practice questions.

Luma

github.com/jcarlosvelasco/luma

- A photo editor app powered by AI on iOS built with Clean Architecture using local models using SwiftUI, CoreML and Stable Diffusion.
- Awarded with the best project for the Master's Degree in Mobile App Development in 2024.

My personal Portfolio

github.com/jcarlosvelasco/portfolio

- My personal portfolio built with Astro.

Languages

Spanish: Native

English: C1 Level certified by Cambridge

Awards

Cum Laude Award for Young Talent – Universidad de Salamanca

2025

Extraordinary Master's Award – Universidad Pontificia de Salamanca

2025

Education

Universidad Internacional de la Rioja – Master's Degree in Artificial Intelligence

November 2024 - Present

Universidad Pontificia de Salamanca – Master's Degree in Mobile App Development

July 2024

Universidad de Salamanca – Degree in Computer Science

June 2022