

Cesar Ramirez Filomena

Senior Mobile Engineer (Android · Flutter · iOS)

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Languages: Spanish (Native) | Italian (C1) | English (B2)

Professional Summary

Senior Mobile Engineer with 6+ years of experience in designing, building and delivering high-performance apps for Android, iOS and Flutter. Proven record in industrial, energy and healthcare sectors, leading end-to-end projects from architecture and UX design to deployment and store release. Expert in Clean Architecture (MVVM, SOLID) and modern state-management patterns, with strong focus on scalability, security and maintainability. Highly adaptable to emerging technologies such as IoT, AI-assisted development and voice interfaces. Passionate about bridging engineering and design to deliver mobile solutions that drive efficiency, innovation and real business impact.

Technical Skills

Languages: Dart · Kotlin · Java · Swift · JavaScript · HTML · CSS

Frameworks / Platforms: Flutter · Android SDK · iOS UIKit · SwiftUI · Jetpack Compose

Architecture: MVVM · Clean Architecture · Dependency Injection · Coroutines · State-Machine Architecture

Tools & Infrastructure: Firebase · REST APIs · GraphQL · Git · Jira · Jenkins · CI/CD pipelines · Fastlane

Testing & Quality Assurance: Unit Tests · Widget Tests · Integration Testing · Mockito · Espresso

Performance, Security & DevOps: Memory/CPU optimization · Mobile DevOps · Secure Authentication/Biometrics · Encryption · Network security · App Store/Play Store release & optimization

Emerging Technologies & Domains: IoT integrations · Voice recognition · Real-time data systems · AI/ML assisted mobile workflows · Cross-platform development best practices

Methodologies & Practices: Agile (Scrum/Kanban) · Clean Code · SOLID principles · Code Review · Continuous Integration · Collaboration & Mentoring

Professional Experience

Senior Mobile Developer | Publicis Sapient | Milan, Italy | Dec 2025 – Present

I lead the development of enterprise-grade mobile applications (Flutter and native Android/iOS) for European clients within large-scale digital transformation projects. I leverage artificial intelligence to streamline development and accelerate delivery. I apply clean and scalable architectures, manage secure authentication integrations (Firebase Auth, biometrics), contribute to architectural decisions and feature implementation, and oversee App Store and Play Store release strategies; ensuring efficient, maintainable, and user-centered mobile products.

Software Developer | KFI Technologies | Milan, Italy | Jun 2024 – Nov 2025

Developed industrial mobile applications for clients across Europe and the Americas, focused on process optimization and operational productivity. Implemented Flutter and Android solutions featuring voice recognition, label printing (ZPL), and real-time IoT communication. Architected and implemented state-machine architectures for warehouse picking and industrial workflows, driving automation, efficiency improvements, and error reduction in production environments.

I hereby give consent for my data included in the curriculum vitae to be processed for recruiting purposes.

Software Developer | HAYS | Milan, Italy | Nov 2023 – Jun 2024

Developed mobile applications for industrial companies in Northern Italy while working as an external consultant. Delivered Android and Flutter projects integrating voice recognition, label printing, and process automation features. Each solution was designed to enhance productivity and operational efficiency across client workflows.

Android Developer | Freelance | Torino, Italy | Jul 2023 – Nov 2023

Independently developed a Flutter mobile application for an energy-sector client in Turin. The app displayed real-time energy production and consumption data through Firebase (Google) integration. This project allowed me to apply clean architecture principles and UI optimization to enhance monitoring accuracy and user experience.

Mobile Developer | Wiedii | Cucuta, Colombia | Mar 2021 – Jul 2023

Led the Android development team for the company's main project in the U.S. healthcare sector. I developed and maintained the native Android version of the application, managed its Play Store release, and coordinated planning, development, and delivery phases. My role combined technical leadership and agile management to deliver stable, scalable, and high-quality mobile products.

Operative Coordinator | UTPVLP | Cucuta, Colombia | Mar 2021 – Sep 2021

Led the technology area of an urban mobility concession, driving the company's digital transformation. I developed and launched a native Android app integrated with Firebase (Google), delivering real-time information to city users. My role combined operational coordination with hands-on engineering, ensuring efficient management through innovative mobile solutions.

Education

B.Sc. in Electronic Engineering

Francisco de Paula Santander University – Colombia · 2018