

# ROLANDO GARCIA CUTIE

Software Engineer | Mobile Developer

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[Portfolio](#) | La Habana, Cuba

## PROFESSIONAL SUMMARY

Results-driven Software Engineer with 5+ years of experience specializing in cross-platform mobile development using Flutter, Android Native, and Xamarin. Proven track record of delivering high-quality applications across transportation, healthcare, education, and project management sectors. Expert in Clean Architecture, Domain-Driven Design (DDD), and Test-Driven Development (TDD). Strong advocate of Agile methodologies with extensive Scrum experience. Passionate about building scalable, maintainable applications with excellent UI/UX design and continuously learning emerging technologies.

## TECHNICAL SKILLS

### MOBILE DEVELOPMENT

Flutter, Dart, Android Native (Java), Xamarin.Forms, React Native

### STATE MANAGEMENT

GetX, BLoC Pattern, Provider, Riverpod, Redux

### ARCHITECTURE

Clean Architecture, DDD, TDD, MVC, MVVM, SOLID Principles

### FRONTEND & UI/UX

React, Next.js, TypeScript, HTML5, CSS3, UI/UX Design, Responsive Design

### BACKEND & APIS

REST APIs, GraphQL, Firebase, AWS, SQLite, PostgreSQL

### DEVOPS & TOOLS

Git, GitHub, Bitbucket, Jira, CI/CD, Scrum, Agile, Postman

## PROFESSIONAL EXPERIENCE

### Senior Mobile Developer

Avangenio | La Habana, Cuba

January 2022 - Present

- Led mobile development for 6+ production applications serving thousands of users across transportation, healthcare, and project management sectors
- Architected Alivi-Flex Card application using Flutter with Clean Architecture, implementing secure payment processing and card management features
- Built Ataja platform from scratch using Flutter and GetX, enabling real-time vehicle tracking and transportation logistics management
- Developed Welltrax Transportation Management system with Android Native (Java), integrating Firebase and REST APIs for real-time data synchronization
- Implemented Kahua project management mobile interface using Xamarin.Forms with intuitive UI/UX design, improving team collaboration capabilities
- Collaborated in Agile Scrum teams of 4-6 developers; mentored junior developers on Flutter best practices and code review processes
- Designed and implemented responsive UI components following Material Design guidelines, ensuring consistent user experience across devices

Technologies: Flutter, Dart, GetX, GoRouter, Android Native (Java), Xamarin.Forms, Firebase, AWS, REST APIs, Bitbucket, Jira, Clean Architecture, DDD, TDD

### Webmaster & Full Stack Developer

Environment Agency (AMA) | La Habana, Cuba

January 2017 - January 2022

- Managed and maintained official AMA website, ensuring 99.9% uptime and implementing SEO best practices that increased organic traffic by 35%
- Designed and developed internal asset management system from scratch using Yii2 framework, tracking 500+ computer assets across multiple departments

- Implemented automated reporting features and REST API integrations that reduced manual inventory tracking time by 60%
- Created responsive web interfaces with modern UI/UX principles, improving user satisfaction and system adoption rates
- Collaborated with cross-functional teams to gather requirements and deliver solutions aligned with organizational needs

Technologies: PHP, Yii2 Framework, MySQL, JavaScript, HTML, CSS, REST APIs, Apache, UI/UX Design

## Mobile Developer

EcuRed (Cuban Encyclopedia) | La Habana, Cuba

January 2015 - May 2017

- Developed EcuMovil Encyclopedia App from concept to deployment, providing offline access to encyclopedia content with intuitive mobile UI/UX design
- Implemented efficient data caching mechanisms and SQLite database optimization, enabling content access without internet connectivity
- Integrated REST APIs for content synchronization and implemented background sync services
- Achieved 10,000+ downloads on official Cuban app distribution platforms with 4.5+ star rating

Technologies: Android Native (Java), SQLite, REST APIs, XML, UI/UX Design, Offline Sync

## PROJECT PORTFOLIO

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### Alivi-Flex Card

Healthcare payment card management with secure transaction processing and modern UI/UX design.  
Flutter | GetX | AWS | REST APIs | Clean Architecture

### Welltrax Transportation

Enterprise fleet coordination and bulk cargo operations management system.  
Android Native (Java) | Firebase | TDD | REST APIs

### EcuMovil Encyclopedia App

Offline-first encyclopedia with 10,000+ downloads and 4.5+ star rating across Cuba.  
Android Native | SQLite | REST APIs | Offline Sync

### Ataja Platform

Logistics management with real-time vehicle tracking, route optimization, and intuitive dashboard.  
Flutter | Firebase | DDD | GPS Tracking | REST APIs

### Kahua Project Management

Construction project mobile interface for on-site task tracking with responsive UI/UX.  
Xamarin.Forms | Firebase | Agile | UI/UX Design

## EDUCATION & LANGUAGES

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### Bachelor of Science in Computer Engineering

Universidad Tecnologica de La Habana "Jose Antonio Echeverria" (CUJAE) | January 2015 - January 2020 | La Habana, Cuba

**Spanish:** Native **English:** Professional Working Proficiency