

Carlos Calero Albelo

Android & Backend Developer | IT Specialist | QA Specialist

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Summary

Android and backend developer with over 8 years of experience, also working as an IT Specialist and Technical Support Specialist. I've built apps and web solutions for clients in healthcare, sports, and e-commerce, using Kotlin, Java, Spring Boot, and cloud tools. I've led teams, launched more than 20 projects, and handled both development and full IT support for businesses. My experience covers infrastructure management, technical troubleshooting, security, and improving how users interact with technology.

Work experience

2021 - present | Wrocław, Poland

Owner, IT Specialist & Technical Support Specialist

Lerox Studio - <https://leroxsolutions.com.pl>

- Founded and manage all business and technical operations.
- Provide IT consulting and both first-line and advanced support (remote and on-site).
- Administer infrastructure, Active Directory, backups, security policies, and cloud migrations (Office 365, Google Workspace).
- Develop business websites and e-commerce stores (WordPress, Shopify).
- Integrate payment gateways, third-party APIs, and SEO improvements.
- Lead system upgrades and cloud migrations.
- Document incidents, provide user training, and deliver tailored IT support.

Key projects:

- **Az Mercado Familiar** – Online store and Android/iOS shopping apps, inventory management, and secure payments (<https://skin.mercado-familiar.com>).
- **Sindbad Kebab – Restaurant** website with online menu and order management (<https://sindbadkebab2019.pl>).
- **Nardaleo Tech** – E-commerce site with payment integration and performance optimization (<https://nardaleo.com>).

2016 - 2025 | Wrocław, Poland

Android Developer, Dspot Sp. z o. o.

- Developed and maintained 10+ native Android apps in Java and Kotlin, with a focus on performance and reliability.
- Led code reviews and enforced best practices to ensure code quality.
- Designed and executed unit tests, resolving complex issues such as crashes, memory leaks, and threading problems (Mockito, JUnit, Espresso, Cucumber).
- Integrated key services and tools: Firebase, Retrofit, Facebook SDK, Papertrail, MixPanel, Google Analytics, Crashlytics, and Coil.

- Applied Dagger and Hilt for dependency injection, increasing modularity and maintainability.
- Implemented Google Play Billing for subscriptions and premium features.
- Reviewed design documents, optimizing app speed and usability.
- Collaborated in Scrum teams to deliver features on schedule.
- Built advanced Bluetooth Low Energy (BLE) integrations.
- Used Jetpack Compose for efficient UI development and improved user experience.

Highlighted projects:

Lanetalk: Bowling app with real-time stats, analytics, and leaderboard features.

EtectRx: Medical app for medication tracking via Bluetooth and secure cloud.

Enksia: Parental control app for educational environments.

Tutiz: Tutoring productivity app for session management and student tracking.

06/2023 – 12/2024 | Wrocław, Poland

Backend Developer, OpsTalent Sp. z o. o.

- Designed and built REST APIs with Java Spring Boot for stable and easy-to-manage systems.
- Improved database speed by tuning queries and adding Redis caching.
- Set up microservices, which made the system more reliable and easier to update.
- Moved old databases to MongoDB and MySQL for better data storage and growth.
- Created thorough tests with JUnit and Mockito to catch bugs early and keep software releases solid.
- Organized testing routines to keep the code clean and help the team work more smoothly.

Highlighted project:

N-Capie (Ostia Solutions):

No-code SaaS platform for rapid API ecosystem management, featuring visual configuration, enterprise-grade security (ISO 27001, OAuth 2.0), and automated deployment across development, test, and production. Adopted in finance and Open Banking.

06/2017 – 06/2018 | La Habana, Cuba

Software QA Test Engineer, Cronvo LLC

- Created and executed test cases for Android and iOS applications.
- Tested new features and reported bugs found during testing.
- Reviewed results with the team to improve release quality.
- Logged defects and tracked them until resolved.
- Worked closely with developers to clarify requirements and verify fixes.
- Used JUnit, Espresso, and other mobile testing tools.

Highlighted project:

Cronvo (Mobile App, Cronvo LLC)

Anonymous voice-chat app that matches users by interests for private, meaningful conversations, focused on authentic dialogue, learning, and connection beyond typical social networking.

09/2014 – 09/2016 | La Habana, Cuba

Leading Test Engineer, CALISOFT (National Software Quality Center)

- Led a testing team that handled both automated and manual tests for over 20 apps.
- Planned and set up test routines to make sure products worked as expected.
- Managed a group of 7 testers, helped them build test plans, and kept tasks moving.
- Checked test cases, found issues fast, and made sure everything met quality standards.
- Explained test results clearly and worked with clients to solve problems and set expectations.

Education

09/2009 – 06/2014 | INFORMATICS SCIENCES

Engineer - University of Informatics Sciences

03/2016 – 03/2016 | ISTQB FOUNDATION LEVEL

Certified Tester - ISQI

03/2023 – 03/2023 | KOTLIN FOR JAVA DEVELOPERS

Kotlin Developer - JetBrains & Coursera

Skills

- Java
- Spring Boot
- Hibernate
- MySQL
- MongoDB
- Redis
- Docker
- Maven
- Gradle
- RESTful APIs
- Service-oriented architecture
- Kotlin
- Android SDK
- Jetpack Compose
- Android Architecture Components
- JUnit
- Mockito
- Espresso
- Effective time management
- Analytical thinker
- Selenium
- Cucumber
- SQLite
- Realm
- SharedPreferences
- Agile methodologies
- Excellent problem-solving
- Collaborative team player
- Strong communicator
- Quick to adapt
- Proven leadership

Languages

- **Spanish** (native)
- **English** (advanced)