

Ezequiel Marchena Guerrero

Senior Android Developer (Kotlin/Java) | Clean Architecture · Testing · Production

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PROFESSIONAL SUMMARY

Senior Android Developer with 6+ years of experience building production apps for the public and private sectors. Specialized in MVVM and Clean Architecture, third-party SDK integration, production observability with Firebase Crashlytics, and long-term stability and maintainability. Experienced in technical leadership, mentoring junior developers and technical module design. Own apps published on Google Play. PSM I certified. Open to 100% remote roles.

PROFESSIONAL EXPERIENCE

Android Developer / Analyst

Ayesa · January 2025 – Present

- Technical design, impact analysis and task estimation for Android projects delivered to end clients.
- Built an in-house Android library for Bluetooth connectivity with an in-vehicle embedded device (electric car-sharing sector), supporting two different hardware models and Android 12+ permissions (BLUETOOTH_CONNECT/SCAN). Migrated from a vendor SDK to a proprietary solution, decoupling the app from the hardware.
- Integration and version upgrades of third-party SDKs (identity/biometrics and maps), managing development impact on each update.
- Coordinated the day-to-day of a project: task assignment, technical guidance and hands-on development, leading up to 3 junior developers (Android and iOS) for nearly a year.
- Production observability: continuous Firebase Crashlytics review, root-cause analysis and resolution of critical incidents.
- Unit testing with JUnit and MockK. Accessibility with TalkBack.

Senior Android / iOS Developer

Ayesa · November 2022 – December 2024

- MVVM and Clean Architecture variants (Use Cases) with dependency injection (Hilt/Dagger).
- Raised the crash-free rate to ~99% through root-cause analysis and continuous incident resolution in Firebase Crashlytics.
- Set up and maintained Android App Links and iOS Universal Links (/well-known) with path/query parameter support.
- Implemented biometric authentication (BiometricPrompt), push/in-app notifications and document upload (multipart/form-data).
- Migrated from Kotlin Synthetics to View Binding as part of a structural app update.
- Technical leadership: estimation, unblocking technical issues and mentoring an intern developer for 6 months.

Senior Android Developer

VIEWNEXT · June 2022 – October 2022

- Development on a hybrid Angular + Capacitor architecture for the telco sector (Scrum).
- Built a native Android plugin for Capacitor: device calendar integration.

Android / iOS / Java Backend Developer

Ayesa · September 2019 – June 2022

- Native Android development (Java/Kotlin): MVVM, LiveData, Room, Jetpack, Retrofit.
- iOS development (Swift 5): CocoaPods, Realm, Alamofire.
- Handling of sensitive data with client-side encryption (AES) before transmission over HTTPS/TLS.
- REST services development with Spring Framework and Java 8.

PERSONAL PROJECTS

Nullfast — Android (Google Play) · velkyss.dev

Intermittent fasting tracker built with Kotlin and Jetpack Compose using Spec Driven Development (SDD). Background timer, session history, water and weight logging. No account, no cloud, no subscription. Published and maintained independently.

TECHNICAL SKILLS
