

SAUL CINTERO

Lead Android Architect

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PROFESSIONAL SUMMARY

Lead Android Architect with 14+ years of experience building and modernizing Android applications across finance, retail, media and public sectors. Specialized in mobile architecture, long-term maintainability and reliable delivery processes.

Combines hands-on Android development with pragmatic improvements to engineering workflows, CI/CD systems and platform modernization initiatives.

Experienced in driving architectural decisions, modern Android adoption and scalable platform evolution across cross-functional teams. Active Open Source contributor to KDE Connect, while continuously exploring AI-assisted software engineering practices.

WORK EXPERIENCE

Lead Android Architect

Prosegur, Argentina

Jun 2026 – Present

Leading the Android architecture strategy and technical governance for enterprise mobile applications, driving platform modernization and long-term engineering initiatives.

- Assessing the Android platform through codebase reviews and historical pull request analysis to identify technical debt and guide architectural decisions.
- Providing technical guidance and hands-on support to development teams by resolving complex implementation issues and contributing production-ready solutions.
- Proposed an atomic modularization strategy to improve build performance, reduce CI/CD costs and increase platform scalability.
- Led the completion of the remaining CI/CD pipeline migration from Jenkins to GitHub Actions, consolidating the engineering delivery platform.
- Validated the technical feasibility of strategic platform initiatives through proof-of-concepts, reducing integration risks ahead of project execution.

Mobile & DevOps Engineer

Hiberus, Spain & Argentina

Jun 2021 – Mar 2026

Delivered Android solutions across finance, public, media, retail and entertainment sectors, supporting applications with 100K+ users.

- Architecture & Modernization:
 - Refactored legacy Android apps to modern architecture standards (DI, ViewModels, native navigation), improving maintainability and accelerating feature delivery.
 - Integrated Adyen payment platform on Android POS terminals operating in kiosk mode.
 - Designed interchangeable GMS/HMS support to ensure cross-device compatibility.
 - Migrated projects to the latest Android API level, refactoring core modules (including GraphQL integrations) to align with updated libraries.

- **Delivery & Engineering Processes:**
 - Led cross-team assessment of development workflows (branching, PR flow, release strategy, permissions) with CTO and Senior Engineers.
 - Designed and implemented new CI/CD architecture (GitHub Actions → GitLab CI, Fastlane on Docker), improving deployment speed by 55%.
 - Reorganized Git workflows and tagging strategy, improving release stability and traceability.
 - Adapted build systems to Android App Bundles using BundleTool for optimized Play Store releases.
- **Stability, Performance & Security:**
 - Reduced production error rates and achieved 0% data loss in complex data-model application through structural refactoring and defensive engineering.
 - Improved responsiveness by 15% in low-connectivity environments.
 - Resolved OEM-specific background notification issues (notably Xiaomi).
 - Implemented 2FA and payment tokenization to strengthen application security.
- **Product & Cross-Team Collaboration:**
 - Led greenfield Android project from requirements gathering to delivery.
 - Coordinated iOS and backend collaboration, delivering on time with zero prior project context.

Software Engineer

ALCAD Electronics, Spain

May 2020 – May 2021

- Engineered high-efficiency C++ Linux daemon for AI-based video analytics on constrained hardware (Intel NUC), supporting 20+ IP cameras per node with strict memory limits.
- Migrated internal management system from ActionScript3 to TypeScript, redesigning UI under Material Design principles.

CTO & Co-Founder

Kinendu, Spain

May 2019 – Apr 2023

Defined technical strategy and led end-to-end product development across Android, backend and cloud infrastructure.

- Designed public and private REST APIs and scalable database architecture.
- Coordinated cross-platform team (Android, iOS, Web).
- Managed AWS infrastructure, deployment and cost optimization.
- Represented technical vision in investor and stakeholder discussions.

Software Developer & Network Administrator

TransNatur, Spain

Feb 2002 – Apr 2019

- Built native Android (Java) and iOS (Objective-C) apps for real-time logistics operations.
- Developed backend integrations reducing manual workflow errors.
- Administered IT infrastructure for 500+ employees across multiple branches.
- Implemented organization-wide security and backup policies.

EDUCATION

Higher education cycle in multiplatform application development

I.E.S. Plaiaundi B.H.I., Irun, Spain

Oct 2002

SKILLS

- Technical:

- Kotlin, Java, Kotlin Multiplatform
- Android SDK, Jetpack Compose, Jetpack Libraries
- Mobile Architecture (Clean Architecture, MVVM, MVI, MVP)
- Modularization & Dependency Injection (Hilt, Koin)
- CI/CD (GitHub Actions, GitLab CI, Jenkins, Fastlane, Docker)
- Testing (JUnit, MockK, Espresso, Robolectric, MockWebServer)
- REST APIs, gRPC
- SQLite (Room), PostgreSQL, MySQL, SQL Server
- C++, TypeScript
- Professional:
 - Mobile Architecture & Technical Leadership
 - Platform Modernization
 - Engineering Governance
 - CI/CD & Delivery Optimization
 - Performance & Reliability

RECOGNITIONS AND AWARDS

TXEKINTEK Promoter Recognition

BIC Gipuzkoa

2019

Supported for promoting the creation of a technology-based startup (Kinendu).

“Entrepreneurial Impulse” Innovation Program Participant

CEIN

2017

Mentored by Inycom and Mutua Navarra in a competitive innovation program.

Winner at Open Source Category

Buber Awards

2016

Recognized for outstanding contribution to open-source software projects.

LANGUAGES

- Spanish - Native
- English - Professional working proficiency
- Basque - Full professional proficiency