INÉS ADELA ROJAS LEÓN, Software Engineer
MSc in Software Engineering

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PROFESSIONAL SUMMARY

Experienced software developer with 9 years of comprehensive expertise in software development, spanning various sectors including education, food delivery, retail, banking, and advertising. Proficient in leading technical teams, committed to continuous improvement, and dedicated to achieving team success.

KEY SKILLS

- **Mobile Development & Architecture:**
  Android · iOS · Kotlin · Swift · Jetpack Compose · SwiftUI
  MVVM · MVI · Redux · Unidirectional Data Flow (UDF) · Clean Architecture · Clean Swift · VIP · VIPER
  Design System Implementation (Jetpack Compose, SwiftUI, Figma Tokens) · Creation of Reusable Mobile Libraries · Internal SDKs (UI, Networking, Analytics)
- **Backend Development & Architecture:**
  Python · Java · Micronaut · Flask
  Domain-Driven Design (DDD) · Clean Architecture · SOLID · GRASP · GoF
  Microservices Architecture · CQRS · Event Sourcing · Service Orchestration & Choreography · Distributed Sagas
  Event-Driven Architecture (Kafka, Apache Pulsar) · REST · gRPC · API-First Development · Swagger · Semantic Versioning
- **AI & Machine Learning:**
  OpenAI · Google ML Kit · Firebase ML · Chatbots · Prompt Engineering
- **Cloud & DevOps:**
  Google Cloud Platform · Docker · Kubernetes (basics) · Fastlane · Gradle · CocoaPods
- **CI/CD & Tooling:**
  Git · Bitrise · GitHub Actions · Jenkins · CI/CD Pipeline Design
- **Testing & Quality:**
  TDD · Unit Testing · Integration Testing · Automation
  Monkey Testing · Ripper Testing · Espresso · XCTest
  Cucumber · Cypress · Snapshot Testing · Test Strategy
- **Observability & Performance:**
  Crashlytics · Firebase Performance Monitoring · Prometheus · Grafana
- **Security:**
  JWT · OAuth2 · OWASP Mobile Top 10 · Secure Coding Practices
- **Accessibility & Internationalization:**
  Accessibility (a11y) · Internationalization (i18n) · Localization (L10n)
- **Agile & Team Practices:**
  Scrum · Kanban · Agile Ceremonies · Cross-functional Collaboration · Mentoring · Technical Hiring · Interviewing

- **Leadership & Management:**
  Team Leadership · Stakeholder Communication · Technical Decision-Making · Coaching

EMPLOYMENT

Axpe Consulting — *Mobile Developer.*

JANUARY 2024 – Current

Technology consultancy firm providing services to clients in various industries. Currently working on the "Stradivarius" Android app, part of the Inditex group.

- Implemented new features using Jetpack Compose, MVVI and MVI architectural patterns.
- Contributed to app stability and performance by writing unit tests.
- Participated in agile ceremonies and proposed continuous improvements for development workflow.

Platzi — *Mobile Developer.*

SEPTEMBER 2023 – JANUARY 2024

Online education platform that offers courses and training programs in various fields, with a focus on technology and business.

- Developed and maintained "Platzi" app on Android, proposing technical improvements and implementing agile development processes.

Talent.com — *Technical Lead for mobile team.*

DECEMBER 2022 – July 2023

Online job search engine. It provides users with the ability to search and apply for a wide variety of job opportunities across different locations and industries.

- Lead Android and iOS teams for "Talent.com" app, coordinating developments and optimizing processes.
- Played a key role in defining project architecture and maintaining information flow.

Muni Tienda, Bogotá — *Technical Lead for mobile team.*

SEPTEMBER 2021 – NOVEMBER 2022

- Lead Android and iOS teams for "Muni" app, focusing on sales and online order management.
- Coordinated developments, optimized processes, and ensured adherence to project architecture.

Endava, Bogotá — *Senior Developer*

SEPTEMBER 2018 – AUGUST 2021

Global technology and consulting company specializing in software development, engineering, and IT consulting services.

- Contributed to the development of diverse applications, including a loan application, digital media app, and trip management app.

TPaga S.A.S., Bogotá — *Developer*

JULY 2016 - AUGUST 2018

- Development and maintenance of "Billetera Tpaga" on Android and iOS platforms.
- Tpaga Wallet is a mobile wallet innovating in the way you make payments in Colombia, it's an option to allow people to receive money and easily use it within more than 40.000 cash-out and spending points.

Domicilios.com, Bogotá — *Mobile Developer*

JUNE 2015 - JULY 2016

- Development and maintenance of "Domicilios.com" on Android platform. Domicilios.com is an application to order and pay food online with delivery services.

ID Interactive, Bogotá — *Mobile Developer*

JANUARY 2014 - JULY 2015

- Love Lock, an application for sharing moments and places developed on Phonegap.
- HeartBeat (Demo), an application linked to Deezer for playing music according to your heart rate.
- 360 (Demo), an application to simulate the challenges of pregnancy.
- Consejos POND'S, an application with advises and tips on how to use POND'S products.
- Crece con ellos - Dolex Niños, application to check the doses of medication for your baby.
- Sueños Old Mutual, application to create saving plans.
- Samsumg Wallet and Fandango movie tickets (Demo).

EDUCATION

Universidad de los Andes, Colombia — *Maestría en ingeniería de software, 2023 - 2025*

Universidad Pedagógica y Tecnológica de Colombia, Tunja — *Ingeniería de sistemas y computación, 2009 - 2015*

Semillero de investigación en móviles SABBAT, Tunja — *Investigator, 2011 - 2014*

LANGUAGES

Spanish: Native   English: Advanced