

SALIM IGNACIO RAMIREZ MESTANZA

Backend & Software Architecture • Software Engineering Student (UPC)

Lima, Peru • +51 958 748 580 • salimramirezmetanza@outlook.com

Portfolio: salimramirez.dev • GitHub: github.com/salimramirez • LinkedIn: linkedin.com/in/salimramirez

PROFESSIONAL SUMMARY

9th-semester Software Engineering student (Top 1%), focused on backend and software architecture, with technology consulting experience at EY Peru. Worked on four end-to-end systems in teams of five using Scrum; two of them keep running without an internet connection through on-device processing (edge computing). Looking for a backend internship, available immediately.

TECHNICAL SKILLS

- **Backend & Core:** Java (Spring Boot), C# (.NET), Python (FastAPI, Flask), REST APIs, DDD, SOLID, JWT.
- **Web & Mobile:** Angular, TypeScript, Kotlin (Jetpack Compose), Flutter, SwiftUI, Clean Architecture, MVVM.
- **Data, Cloud & DevOps:** MySQL, PostgreSQL, SQLite, MongoDB, Docker, Docker Compose, Azure, Git, GitHub.

WORK EXPERIENCE

EY (Ernst & Young) Peru, Digital Operations Bootcamp (Trainee) | Feb 2026 – May 2026

- Designed cloud architecture proposals for a distributed web scraping service on Azure (Functions, Service Bus, CosmosDB), focused on multi-instance scalability.
- Developed a modular service in Python (FastAPI) for automated extraction of due diligence and international tax compliance data, deployed on Azure Container Apps.
- Supported the maintenance and security of corporate .NET and SQL Server platforms, mitigating critical dependency vulnerabilities with Checkmarx and Mend.

SELECTED PROJECTS

Demy – Management Platform for Pre-University Academies

Java, Spring Boot, Kotlin, Jetpack Compose, SwiftUI, Flutter, Angular, MySQL, Docker

- Developed much of the Spring Boot backend, applying DDD and a multi-tenant architecture.
- Implemented end-to-end modules, from the backend to the native apps, with Clean Architecture and MVVM.
- Secured critical endpoints with JWT-based authentication.

uFlex – Telerehabilitation System with an IoT Wearable

ESP32 (Arduino), Python, Flask, SQLite, Spring Boot, PostgreSQL, Kotlin, Angular, Docker

- Designed a wearable with 3 IMU sensors and programmed its firmware on ESP32 (Arduino).
- Developed the patient app in Kotlin and the central backend in Spring Boot with PostgreSQL.
- Implemented offline mode with SQLite on the edge server, syncing once the network returns.

Letrify – Bill and Invoice Discounting System

Java, Spring Boot, JavaScript, MySQL, Third-Party APIs

- Built the financial engine for effective, discount and annual effective cost rates (TCEA).
- Designed the user interface and integrated a Peruvian exchange-rate API with automatic updates.
- Implemented the reporting module in Spring Boot for automated PDF document export.

EDUCATION

Universidad Peruana de Ciencias Aplicadas (UPC) — Software Engineering

9th semester • 2023 – Present • *Décimo Superior* distinction • Ranked 23rd of 2,532 (Top 1%)

CERTIFICATIONS

Scrum Fundamentals Certified (SCRUMstudy) • Python for Everybody • Introduction to MongoDB

LANGUAGES & COMPETENCIES

- **Languages:** Spanish (Native), English (Intermediate)
- **Competencies:** Teamwork • Communication • Critical thinking • Leadership
- **Office Software:** Microsoft Excel (Intermediate)