



JOSÉ LUIS SALADO HORTA

SOFTWARE DEVELOPER



joseluisalado@gmail.com



611695610



GitHub



Portfolio



LinkedIn

PROFESSIONAL PROFILE

Product-oriented developer with a structured mindset and a focus on end-to-end solutions. Expert in bridging native Android with robust Backend systems using Clean and Hexagonal architectures. I leverage AI as an efficiency multiplier and prioritize infrastructure and automated testing to ensure that rapid deployment never compromises software reliability and scalability.

TECHNICAL SKILLS

- Languages: Kotlin, Java, Python.
- Android: Jetpack Compose, Clean Architecture, MVVM, Room, Retrofit, Hilt, Flow, Firebase.
- Backend: Spring Boot, FastAPI, Hexagonal Architecture, REST APIs, JWT, Spring Data JPA.
- Data & Infra: PostgreSQL, MySQL, SQLAlchemy, Flyway, Docker, Docker Compose.
- AI & Innovation: LLM Orchestration (Gemini), AI-Assisted Dev, AI Vision & Education.
- Testing & Quality: JUnit, Mockito, Pytest, Testcontainers, JaCoCo, SonarQube.
- Languages: English (B1), Spanish (Native).

EDUCATION

09/2023 – Expected Graduation 06/2026 | Cádiz, Spain

Higher Technician in Cross-Platform Application Development | IES Rafael Alberti

WORK EXPERIENCE

Backend Developer | Libnamic | El Puerto de Santa María, España | 02/2026 – 05/2026

- Developed RESTful APIs and backend modules using FastAPI, SQLAlchemy, and PostgreSQL, ensuring strict data validation with Pydantic.
- Containerized application environments using Docker and Docker Compose to streamline deployment and local development workflows.
- Implemented asynchronous automated testing using Pytest and HTTPX to guarantee API reliability.
- Collaborated on the conceptualization and backend development of a university software project, utilizing a proprietary layered framework (Docker, FastAPI, PostgreSQL) secured via ACL.

Software Developer | IDITIC Software | Cádiz, España | 02/2025 – 05/2025

- Maintenance of an Android mobile POS (Point of Sale) application focused on order management for the restaurant sector.
- Bug fixing and application performance optimization.
- Module refactoring using Kotlin and implementation of modern development best practices.
- Collaboration with the development team to ensure product quality and continuity.

PROJECTS

AI Fit - AI-Powered Fitness & Nutrition Platform (TFG) | [Android Repository](#) | [Backend Repository](#)

- Engineered a full-stack distributed system composed of a native Android client and a Spring Boot 3 microservice.
- Backend: Built with Java 21, Spring Boot 3.4, and PostgreSQL 16. Designed following strict Hexagonal Architecture to isolate domain rules from infrastructure. Integrated Google Gemini for AI-driven coaching and applied robust testing with Testcontainers and JaCoCo.
- Android Client: Developed entirely with Kotlin and Jetpack Compose using Material 3. Applied Clean Architecture and MVVM, utilizing Hilt for dependency injection, Room for local caching, and Coroutines/Flow for reactive data streams.