

JACOBO BLANDÓN CASTRO

SOFTWARE ENGINEER · BACKEND - FULLSTACK DEVELOPER

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ABOUT ME

Junior Software Developer with experience building REST APIs using **Spring Boot** and **FastAPI**, integrating **SQL databases**, working with **Docker containers**, and using **Git/GitHub** for collaborative development. Knowledge of **Angular** for frontend integration and API consumption. Motivated to grow in backend development, best practices, and software architecture.

EXPERIENCE

Python Developer - Crystal S.A.S

Feb 2025 - Aug 2025

Designed, developed, and maintained automation tools using Python, providing technical support and ensuring reliable system performance.

PROJECTS

Lottery Sales App

Spring Boot, H2, Angular, Tailwind CSS

Full-stack lottery sales management system built with Spring Boot (Clean Architecture) and Angular. Includes customer management, draw creation, automatic ticket generation, and real-time sales tracking.

Library Management API

Spring Boot, JWT, MySQL

Complete library management system with JWT authentication, role-based access control (RBAC), lending system, and book availability. Implements layered architecture, design patterns, and SOLID principles. Secured with Spring Security.

Contact Flow API

FastAPI, MySQL, JWT, OAuth2, Docker

RESTful API for contact management with JWT/OAuth2 authentication, full CRUD operations, and user-based access. Dockerized architecture with automatic documentation via Swagger/OpenAPI.

SKILLS

- **Backend:** Java (Spring Boot) · Python (FastAPI)
- **Frontend:** Angular · TypeScript · Tailwind CSS
- **Databases:** MySQL
- **Tools / DevOps:** Docker · Linux · Git/GitHub

EDUCATION

Software Engineering

Feb 2022 - Jun 2026

EAM University Institution

Software Development Technology

Feb 2022 - Nov 2025

EAM University Institution

ADDITIONAL INFORMATION

- **Languages:** Spanish (native), English (B1)
- **Certificates:** Full list available on my LinkedIn profile