



Alejandro Salguero Oviedo

Full Stack Developer | AI-Assisted Development

Experience in Linux systems administration and virtualization

CONTACT

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TECHNOLOGIES

Java 17

Spring Boot 3

Neo4j

MySQL

JSF/Primefaces

Lombok

JUnit 5

Testcontainers

Maven

Claude Code

GitHub Copilot

Git/GitLab

Proxmox

Debian

Bash

REDCap

Notion

LANGUAGES

Spanish

Native

English

Fluent technical reading, basic conversation

INTERESTS

Board games · Cycling · Hiking

Profile

Developer with experience building Java applications for clinical research. I combine full-stack development with AI assistants (Claude Code, Copilot) to speed up implementation, while keeping a rigorous manual review of the code. I manage my own tasks and communicate technical concepts to non-technical teams through analogies, prioritizing by urgency and personal motivation. I've mentored trainee developers and adapt with resilience to changing requirements.

Experience

Full Stack Developer & Systems Administrator — FISEVI — Movement Disorders Group, IBIS (Seville)

SEPTEMBER 2022 — PRESENT

- Developed and maintain Parkinostic, a clinical application for collecting and consulting data on patients with Parkinson's and other movement disorders.
- Rewrote the application, migrating from JSF/Primefaces to Spring Boot 3 and Neo4j, leveraging generative AI (Claude Code, Copilot) for implementation and testing.
- Modeled the Neo4j graph database and fixed multi-user concurrency issues in an unofficial internal API.
- Manage infrastructure: a Proxmox server running Debian VMs (GitLab, Alfresco, Neo4j, Glassfish, REDCap) and 5 Synology NAS units with daily backups.
- Rolled out REDCap (forms and logic) and managed equipment procurement budgets.
- Weekly coordination with researchers to align development and priorities, using Notion as a task board.

Previous experience — COBO (Dos Hermanas) · S.C.A. Frutos del Condado (Bollullos del Condado, Huelva)

2019 — 2020

- Bricklayer's laborer and warehouse worker, combined with development studies.

Education

CFGS Desarrollo de Aplicaciones Multiplataforma

IES Aguadulce (Almería), 2019 — 2022 · Distance learning

CFGS Administración de Sistemas Informáticos

IES Gonzalo Nazareno (Dos Hermanas), 2008 — 2011 · Partially completed