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Murcia, Spain · EU citizenship · Open to relocation and remote work

PROFILE

Full-stack Software Engineer with a builder's mindset: I like creating product and taking it from idea to production. I build with Java/Spring Boot and React/TypeScript on an ERP/CRM SaaS platform used by more than 80,000 companies and freelancers, where I am the lead developer of a module in production and integrate microservices with hexagonal architecture into a legacy monolith. I bring initiative, critical thinking and a security mindset (eJPT, ICCA). I combine it with the final year of a Computer Engineering degree.

PROFESSIONAL EXPERIENCE

● November 2025 — Present

Software Engineer · STEL Order

Murcia, Spain · Part time · Alongside the degree

Built the labelling module from scratch as lead developer, backend to frontend, now in production: barcodes from the ERP's data, reusable templates and generation per stock unit and warehouse.

Co-lead the accounting module with a teammate, backend and frontend: chart of accounts, journal entries, ledgers, taxes and reports.

Designed and built end to end a dynamic forms engine with Formio.js: templates and instances linked to the ERP's business entities, such as invoices or customers.

Applied hexagonal architecture and DDD to all three, on Spring Boot with their own MySQL database, Flyway migrations and REST APIs documented with OpenAPI, and integrated them with the legacy Java 8 monolith through token-authenticated bidirectional REST, on both sides, as part of the platform's gradual migration to microservices.

Implemented components for the company's shared React/TypeScript catalogue, such as a generic table with configurable content used by every new microservice.

Created a Claude Code agent specialised in accounting, which knows the module's code and tests and which my teammate also uses; AI-assisted development is my daily workflow.

Java · Spring Boot · Spring Data JPA · MySQL · Flyway · Swagger/OpenAPI · React · TypeScript · Formio.js · Claude Code

PROJECTS

● 2026 · in progress

Pipeline CI/CD — With Jenkins, from branch to production

Bachelor's thesis · University of Murcia

Set up Jenkins from scratch with the server and the pipeline as code: a single artifact promoted to staging and production without rebuilding, three Docker environments and a health check after every deployment. Stages from cheapest to most expensive: SonarQube, ArchUnit, JUnit and Mockito, Testcontainers, Cucumber, Playwright and k6, on FlowBoard, a task board I built in Spring Boot and React.

Jenkins · Groovy · Docker · Maven · Spring Boot · React · PostgreSQL

● 2026 · in progress

FireDrift — Movie trailers in a vertical feed for Fire TV

Amazon Developer Hackathon 2026 · Fire TV

An endless vertical feed of movie trailers for Fire TV, with recommendations and favourites, designed to be used with the remote. A single React Native codebase for Vega OS and the web. In an early stage of development.

React Native · TypeScript · Vega OS

TECHNICAL SKILLS

LANGUAGES	Java, TypeScript, JavaScript, SQL, Python, Groovy, C, C++, HTML, CSS
BACKEND	Spring Boot, Spring Data JPA, Spring Security, Spring MVC, REST API, Swagger/OpenAPI, JWT
FRONTEND	React, React Native, Vite, Formio.js
ARCHITECTURE	Microservices, Hexagonal architecture, DDD, Clean Architecture, SOLID, Design patterns
DATABASES	MySQL, PostgreSQL, Oracle, Flyway, Relational modelling
TESTING & QUALITY	JUnit 5, Mockito, Testcontainers, ArchUnit, Cucumber, Playwright, k6, SonarQube, TDD
DEVOPS AND CI/CD	Jenkins, GitHub Actions, Docker, Maven, Git, Linux, Bash
TOOLS	Claude Code, Jira, Confluence, Bitbucket, Scrum, Code review

EDUCATION

2023 – 2027 **BSc in Computer Engineering** University of Murcia · 8.43/10 · 6 “Matrícula de Honor” distinctions

CERTIFICATIONS

2025

eJPT · eLearnSecurity Junior Penetration Tester

INE Security

Penetration testing of web applications, hosts and networks: reconnaissance and OSINT, exploitation and post-exploitation with Metasploit.

2025

ICCA · INE Certified Cloud Associate

INE

LANGUAGES

SPANISH Native ENGLISH C1 FRENCH Basic