ANDRES FELIPE RODRIGUEZ RODRIGUEZ

Junior Full-Stack Software Developer — Java / Spring Boot | React

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SUMMARY

Computer Engineering graduate from UNIPAZ (GPA 4.3/5.0) currently completing a Software Analysis and Development technology program at SENA. Hands-on experience building and maintaining an enterprise Java system for heavy-machinery management across the full cycle: analysis, module development, database changes, testing, bug fixing, and documentation. I build REST APIs with Java and Spring Boot (JWT, PostgreSQL, Docker) and user interfaces with React. Currently delivering freelance web projects for business clients.

PROFESSIONAL EXPERIENCE

Software Developer (Internship) | Suministro y Servicios JF SAS Mar 2025 – Feb 2026

- Built the **spare-parts module** from scratch for a heavy-machinery management system in Java (MVC), enabling the tracking of the spare parts associated with each machine.
- Developed **reporting modules** and adjusted the database schema to support new business rules on top of production code.
- Fixed bugs, removed dead code, and delivered UI improvements, leaving a cleaner, more maintainable codebase for the team.
- Performed **code reviews and functional testing** of the application to catch defects before each release.
- Wrote the **technical documentation and user manual** for the entire system, making it easier for the client to use and for new developers to onboard.

Web Developer (Freelance) | SEITEL Oct 2026 – Present

- Leading the redesign of the company's WordPress website to showcase its project portfolio and services, with service-based SEO.
- Launching and managing the **Precios Bajo** online store (WooCommerce): product catalog, SEO-optimized descriptions, and automated bulk product uploads and updates from Excel.
- Planning phased delivery (timeline, checklists, and user stories) in Notion so the client can track progress.

PROJECTS

Agro+ — REST API for an agricultural recommendation platform that manages crops and their lifecycle (Java, Spring Boot, PostgreSQL, Docker). Features JWT authentication and ownership-based access control. Source on GitHub.

CasasBCA — Web app that estimates housing prices from a predictive model (React, Vite, Tailwind CSS). Live online.

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL, HTML/CSS

Backend: Spring Boot, Spring Security, Spring Data JPA, Hibernate, REST APIs, JWT, BCrypt, MVC

Frontend: React, Vite, Tailwind CSS, Astro

Databases: PostgreSQL, Supabase

DevOps & Tools: Docker, Git, GitHub, Render, Netlify, Postman, Swagger/OpenAPI

Testing: JUnit, Mockito, functional testing

CMS: WordPress, WooCommerce

Spoken Languages: Spanish (native); English — basic-intermediate, technical reading and documentation

EDUCATION

Technology in Software Analysis and Development (ADSO) | SENA In progress

B.S. in Computer Engineering | Instituto Universitario de la Paz (UNIPAZ) — GPA 4.3/5.0 Graduated, Jun 2026