

ALBERTH ZAID PANTOJA

SOFTWARE ENGINEER

BACKEND, FULL-STACK & AI APPLICATIONS

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Technical lead at Refacciones.com, building production software for business operations. Built wallet services, AI-assisted invoice workflows, and natural-language configuration tools. Experience spans application development, database design, and cloud deployment.

SELECTED EXPERIENCE

Refacciones.com | Technical Lead & Principal Developer

Jun 2025 - Present

- Lead the design and implementation of production services that automate business processes, using Go, NestJS, Next.js, and PostgreSQL.
- Design microservices and database models for concurrent business workflows; implement backend services and frontend applications.
- Integrate OpenAI agents into operational workflows and deploy services on AWS (EC2, S3, Transfer Family) and Railway.
- Containerize services with Docker and manage CI/CD across development, testing, and production environments.

Nuvara.com.co | Semi-Senior Software Engineer

May 2026 - Sep 2026

- Built digital currency transaction and wallet management services in Go and NestJS, enabling users to purchase services within the platform.
- Built a browser extension that downloaded invoices and submitted them to an AI-powered invoice processing system.
- Developed an LLM-based multi-agent system that let users manage platform settings through natural language.

Kruger Corps / Tecnopac | Semi-Senior Software Engineer

Feb 2025 - Aug 2025

- Developed personnel, institution, document, and legal-process workflows for Ecuador's Attorney General's Office with Java / Spring Boot, NestJS, and Next.js.
- Implemented application identity management with Oracle Cloud Infrastructure IAM and worked with Oracle Database.

Propiedades Murillo | Freelance Full-Stack Developer

Sep 2024 - Jan 2025

- Built the frontend, backend, and database for a real estate price prediction application with React, Node.js, and MongoDB; exposed the ML model through a FastAPI HTTP endpoint.

CORE TECHNOLOGIES

Languages & frameworks: Go, TypeScript, JavaScript, Python, Java, NestJS, Node.js, Next.js, React, Spring Boot, FastAPI.

Data, cloud & AI: PostgreSQL, MongoDB, Oracle Database, AWS, Railway, Docker, CI/CD, OpenAI APIs, pandas, NumPy, scikit-learn.

EDUCATION & LANGUAGES

Jala University | Software Engineering

Spanish: Native | **English:** B2