Felipy Santos

Junior Java Backend Developer

Pernambuco, Brazil (UTC-3) | Open to remote roles as a contractor
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SUMMARY

Java backend developer (Spring Boot, Spring Data JPA, PostgreSQL, Docker). Self-taught: single-handedly built and shipped to production a subscription system with Pix payments, from database modeling to cloud deployment, and delivered a website for a paying client. Focused on reliable REST APIs and automation.

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript
Backend: Spring Boot, Spring Data JPA, Maven, REST API integration
Data & DevOps: PostgreSQL, Docker, Git, Linux
Frontend: React, Next.js, Tailwind CSS, Sanity CMS

EXPERIENCE

Saints Films | **Web Developer (Freelance)** Nov 2025 – Present

Corporate website for a film and video production company, with content managed by the client's own team through Sanity CMS.

Tech: TypeScript, React, Next.js, Sanity (headless CMS), Framer Motion

- Built a multi-step customer service widget with flows configured in Sanity, letting the client update the script without a new deployment.
- Improved Core Web Vitals through lazy loading of media and optimized Framer Motion animations.
- Implemented technical SEO with metadata and structured data (schema markup).
- Restructured the React component architecture to make the codebase easier to maintain.

PROJECTS

Subscription Bot with Pix Payments | Backend | In production 2026

Stack: Java 21, Spring Boot 3.5, Spring Data JPA, PostgreSQL, Maven, Docker, Mercado Pago API/SDK, Telegram Bot API

Telegram bot that automates the sale of monthly subscriptions to private channels. Users pick a plan, pay via Pix (Brazil's instant payment system), and instantly receive an access link; when the subscription expires, the bot removes them from the channel with no manual intervention.

- Integrated Mercado Pago's Orders API to generate Pix charges with QR codes and copy-paste codes, switching from the Payments API after identifying Pix limitations in the sandbox.
- Automated the subscription lifecycle across 3 plans, each tied to its own private channel: payment confirmation via a scheduled job, access through single-use invite links, and removal on expiration.
- Modeled users and subscriptions with Spring Data JPA on PostgreSQL.
- Kept Spring Boot 3.5 instead of upgrading to 4.0 to avoid compatibility issues with the Mercado Pago SDK and the Telegram library.
- Packaged the app with a multi-stage Docker build and deployed it to Railway, with tokens and credentials isolated in environment variables.

EDUCATION

High School Diploma | Custódia, PE, Brazil | 2026

Java COMPLETO: Object-Oriented Programming + Projects | Nélio Alves, Udemy (online course) | 2025