José Neto

Junior Software Developer

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PROFESSIONAL SUMMARY

Junior Developer with experience in process automation and REST API integration using Python and n8n, and in building AI agents with LLMs and RAG. Built end to end a web system that is live in production (Java/Spring Boot, React and PostgreSQL), from database modeling to deployment, including in-browser face recognition. I enjoy turning real business problems into software that is simple to use.

WORK EXPERIENCE

Junior IT Analyst · CMX Tecnologia 05/2025 - 09/2026

- Built process automations and system integrations through REST APIs
- Python development for automation and data integration
- Built an AI agent with RAG (LLM querying a knowledge base)

IT Intern · CMX Tecnologia 02/2025 - 04/2025

- Built automation workflows in n8n

PROJECTS

AngraFight · Management System for a Jiu-Jitsu Academy 2026

Live in production: angrafight.pages.dev · Java 17, Spring Boot, React, PostgreSQL

- Full web system that replaced the academy's paper and spreadsheet records: students, plans, monthly fees and overdue payments, class attendance and belt promotions
- Back end in Java 17 with Spring Boot (REST API, Spring Security with JWT, JPA) and PostgreSQL on Supabase, with Flyway migrations; deployed with Docker
- Responsive front end in React and Vite (desktop, tablet and mobile)
- Attendance check-in by in-browser face recognition (face-api), running in a Web Worker to keep the UI responsive, with model caching
- Faster loading with photo thumbnails, lightweight queries and compression; role-based access (administrator and instructor)

RAG Agent 2026

Python, Gemini API, FAISS · github.com/gagoraro/agenterag

- AI agent with vector search (RAG) built for the "Agents For Everything" course (PUC-Rio)

EDUCATION

Systems Analysis and Development Feb 2025 - Jul 2027

Universidade Veiga de Almeida | Associate Degree (Tecnólogo)

SKILLS

Languages	Python • Java • JavaScript • SQL
Back end	Spring Boot • FastAPI • REST API • JPA • Flyway
Front end	React • Vite • HTML/CSS
AI	LLM • RAG • FAISS • Gemini API • Face recognition (face-api)
Data	PostgreSQL (Supabase)
Tools	Git • Docker • n8n

LANGUAGES

Portuguese • Native | English • Intermediate

CERTIFICATIONS

Agents For Everything (LLM, RAG, MultiAgents and AI Agents) · PUC-Rio 2026 · 40 hours