

Jorge Otero

Full Stack Developer

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Portfolio: portofolio-mu-lac.vercel.app | Sonoteca: sonoteca-hzbi.vercel.app

SUMMARY

~3 years hands-on building full-stack applications since 2023 - freelance Python work, personal projects, and 4Geeks Academy training. This reflects time learning, building, and shipping (not 3 years at a single employer). Flagship project Sonoteca is a production music platform on FastAPI + React with real Deezer catalog integration, deployed on Vercel with Neon Postgres.

EXPERIENCE

Full Stack Developer (Freelance)

Remote | Mar 2023 - Present

- Shipped production REST APIs (FastAPI/Flask): JWT auth, SQLAlchemy, Alembic migrations, PostgreSQL.
- Built automation and scraping pipelines (Playwright, Selenium); JSON/CSV export, retry/backoff, Docker.
- LLM integrations (Groq/Llama 3.3): goal decomposition APIs, task orchestration, deployed on Vercel/Render.

Full Stack Developer - 4Geeks Academy

Jun 2025 - Present

- LaVerde Tienda capstone with a 3-person team - e-commerce with cart, checkout, admin panel, and 44 pytest tests.
- Backend: Flask REST API, SQLAlchemy, JWT, Cloudinary; GitHub Actions CI; Render deployment.

PROJECTS

Sonoteca - Music Platform (FLAGSHIP | LIVE)

React | TypeScript | FastAPI | PostgreSQL | Vercel | Neon | Deezer API | JWT/RBAC

sonoteca-hzbi.vercel.app | github.com/Jorgeotero1998/Sonoteca

- Vercel monorepo + Neon Postgres: FastAPI under /api, Alembic migrations, JWT/RBAC auth.
- Deezer API catalog: search, 30s previews, playlists, favorites, listening history.
- Live demo: sonoteca-hzbi.vercel.app — production-deployed full-stack music platform.

LaVerde Tienda - E-Commerce Capstone (Frontend Demo)

React | Flask | PostgreSQL | JWT | Cloudinary | pytest | GitHub Actions

laverde-frontend.onrender.com | github.com/Jorgeotero1998/LaVerde-Tienda

- Team capstone: product catalog, cart, orders, admin panel; 44 pytest tests and CI pipeline.

AI Task Orchestrator - LLM Productivity Platform (LIVE)

Python | FastAPI | Groq API (Llama 3.3) | React | PostgreSQL | Docker

ai-task-orchestrator-inky.vercel.app | github.com/Jorgeotero1998/ai-task-orchestrator

- Decomposes complex goals into actionable steps; task history, PDF export, admin auth.

Jurisprudencia Scraper - Legal Document CLI

TypeScript | Playwright | Cheerio | Vitest | Docker

github.com/Jorgeotero1998/Scraper

- Production-grade CLI scraper with rate limiting, retry/backoff, and 23 Vitest tests.

Global Pulse - Geography Encyclopedia (LIVE)

React | Three.js | React Three Fiber | Vercel

global-three-one.vercel.app | github.com/Jorgeotero1998/GlobalThree

- Interactive geography encyclopedia — 249 countries, 54 fields each, 3D globe, search, compare, and metric layers.

SKILLS

Backend: Python | FastAPI | Flask | SQLAlchemy | Alembic | Pydantic | JWT/RBAC | REST APIs | pytest

Frontend: React | TypeScript | Vite | Tailwind CSS | Three.js | React Three Fiber

DevOps: Docker | GitHub Actions | Vercel | Render | Neon | PostgreSQL | Linux | CI/CD

EDUCATION

Full Stack Developer - 4Geeks Academy

Jun 2025 - Present

CERTIFICATIONS

- Python - Verified by Talently (May 2026)
- JavaScript - Verified by Talently (May 2026)
- Cloud-Native Development with OpenShift and Kubernetes — Red Hat