

Nestor Garcia

Software Engineer

Mexico - nestororgarcia@gmail.com - +52 8333035354
[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFESSIONAL EXPERIENCE

RADII. MANUFACTURING

(Remote) Queretaro, MX
Jan 2025 - Present

Software Engineer | Python, Django, React, PostgreSQL, Azure, Docker, LangGraph, ML

- Built and maintained Django backend APIs end-to-end, including models, serializers, views/viewsets, permissions, validation, and reliable error handling.
- Architected an instant quoting workflow for CAD uploads with async job polling, real-time price calculation, checkout flows, and PDF quote generation.
- Designed and operated event-driven Azure architecture using containers, queues, and storage with retries, idempotency, and explicit execution states.
- Built backend services for long-running job processing and evolved PostgreSQL schemas for quoting, feature extraction, analytics, migrations, indexing, and performance tuning.
- Added production observability with metrics, tracing, dashboards, and alerts; led debugging of high-impact production issues.
- Implemented CI/CD with GitHub Actions and Docker to build, test, and deploy services to Azure Container Apps.

ATHENA SYSTEMS

(Remote) New York, NY
Oct 2023 - Jan 2025

Software and Data Engineer | Python, Flask, SQL Server, XML, ETL, FIX Protocol

- Promoted from Support Engineer within 3 months after demonstrating strong development and product ownership.
- Developed internal Python and Flask tools that reduced average support ticket resolution time by 30%.
- Handled client implementations including ETL, transaction transformation for 10,000+ records, configuration, and validation workflows.
- Created financial data interfaces, automated alerts for daily client operations, and backend solutions for custom client requirements.
- Mentored junior engineers, contributed to code reviews, and collaborated across support, implementation, and engineering teams.

INPROSA

(Remote) Tampico, Tam
Jan 2023 - Sep 2023

Full Stack Developer | Laravel, Livewire, PHP, MySQL, JavaScript, Docker, Linux

- Built user management, role-based permissions, tournament logic, and validation modules for an internal football analytics platform.
- Delivered modular full-stack features through rapid backend and UI iterations.

FORT GROUP

Altamira, Tam
Oct 2021 - Dec 2022

Web Developer / Data Analyst | Laravel, Python, MySQL, Power BI, Excel

- Built ERP modules for fleet management, invoicing, and employee performance tracking.
- Developed Power BI and Python dashboards that improved operational visibility by 25%.
- Maintained ETL pipelines and supported analytics requests from operations teams.

SKILLS

- Backend & APIs: Python, Django, FastAPI, Flask, Laravel, PostgreSQL, SQL Server, REST APIs
- Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, Three.js
- Cloud & DevOps: Azure, Google Cloud, Docker, Git, CI/CD, GitHub Actions, observability
- AI/ML & Data: LangChain, LangGraph, Scikit-learn, Pandas, Power BI, Gemini, ETL

PROJECTS

- Minley Budget App | Kotlin, Jetpack Compose, Supabase, TypeScript, MCP | [Link](#)

Native Android budget tracker with accounts, transactions, categories, recurring items, reminders, and an optional local MCP server for assistant-driven finance tools.

- Job Autofill Tracker | Chrome Extension, TypeScript, React, SQLite, AI | [Link](#)

Local-first Chrome extension for job application autofill, saved opportunity tracking, and application history.

- YouTube Outlier Research Platform | Next.js, React, TypeScript, Prisma, Google Cloud, Gemini | [Link](#)

Full-stack research platform that finds outlier videos, analyzes transcripts and metadata, compares trends, and generates AI-assisted content ideas.

- AI Video Production Factory | Python, React, TypeScript, Remotion, FFmpeg, Google Cloud | [Link](#)

Multi-agent video pipeline for planning, scripting, sourcing visuals, TTS narration, rendering, thumbnails, review gates, and final MP4 assembly.

EDUCATION

INSTITUTO TECNOLOGICO DE CIUDAD MADERO

- Bachelor's Degree in Industrial Engineering
- Computer Science Engineering

Madero, Tam

2018-2023

2017-2018