

# Nestor Garcia

## Software Engineer

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[Linkedin](#) | [Portfolio](#) | [Github](#)

### PROFESSIONAL EXPERIENCE

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#### RADI. MANUFACTURING

(Remote) Queretaro, MX

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

Jan 2025 - Present

- Built and maintained Django backend APIs end-to-end (models, serializers, views/viewsets, permissions, validation) with clean contracts and reliable error handling.
- Designed and operated event-driven cloud architecture on Azure (containers, queues, storage) with retries, idempotency, and clear execution states
- Led planning and collaboration across multiple projects: scoping, prioritization, reviews, and coordination.
- Added production observability (metrics, tracing, dashboards, alerts) and led debugging of high-impact issues.
- Architected a React UI instant quoting system supporting drag-and-drop CAD file uploads, real-time price calculation with async job polling, and a checkout flow integrating shipping/billing address management and PDF quote generation.
- Built and scaled backend services (Python) powering the Instant Quote product, including APIs and long-running job processing
- Designed and evolved PostgreSQL database schemas and data models to support quoting, feature extraction, and analytics, including migrations, indexing, and performance tuning.
- Implemented CI/CD with GitHub Actions + Docker to deploy services to Azure Container Apps

#### ATHENA SYSTEMS

(Remote) New York, NY

##### Software and Data Engineer | Python, Flask, MSSQL, XML, ETL

Oct 2023 - Jan 2025

- Promoted from Support Engineer within 3 months for outstanding technical performance
- Developed internal tools using Python and Flask to streamline support workflows (reduced ticket resolution)
- Handled client implementations: data ETL, transaction transformation (10,000+ records), configuration.
- Created financial data interfaces and automated alerts for daily client operations
- Collaborated with clients on custom backend solutions and led cross-functional integration
- Mentored junior developers and contributed to code reviews

#### INPROSA

(Remote) Tampico, Tam

##### Full Stack Developer | PHP, SQL, JS, Docker, Linux, Laravel

Jan 2023 - Sep 2023

- Built core modules (user management, tournament logic) for an internal football analytics platform
- Implemented role-based access control and data validation
- Delivered rapid iterations in coordination with backend and UI teams

#### FORT GROUP

Altamira, Tam

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

Oct 2021 - Dec 2022

- Built ERP modules for fleet management, invoicing, and employee performance
- Developed dashboards using Power BI and Python, improving operational visibility by 25%
- Maintained data ETL pipelines and supported BI requests from operations teams

## SKILLS

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- **Backend & APIs:** Python, Django, FastAPI, Flask, Laravel, PostgreSQL, SQL Server
- **Cloud & DevOps:** Azure, AWS, Docker, Git, CI/CD, GitHub Actions
- **AI/ML & Data:** LangChain, LangGraph, Scikit-learn, Pandas, Power BI
- **Frontend:** React, Tailwind, JavaScript

## PROJECTS

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- **Trading Strategy Backtester** | Python, Streamlit, Yfinance | [Github](#)  
Data-intensive application that simulates trading strategies against historical market data.
- **Point of Sale System** | PHP, SQL, Laravel, Docker | [Github](#)  
A full-featured point of sale system built with modules like products, sales, users, roles.
- **Discord Bot** | Django, React.js, SQL, AWS | [Github](#)  
Full-stack gaming assistant featuring React dashboard + Django API.

## EDUCATION

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### INSTITUTO TECNOLÓGICO DE CIUDAD MADERO

Madero, Tam

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

2018-2023

2017-2018