

MAXLY GARCÍA

SOFTWARE ENGINEER

Dominican Republic

maxgarcia6@gmail.com | +1 8298778917 | [LinkedIn](#) | GitHub Accounts: [Stinger14](#) / [ghost1ndshell](#)

PROFILE

Senior software engineer with 10+ years of experience building backend systems, APIs, and distributed applications.

Strong foundation in object-oriented programming and deep experience delivering microservices with Elixir, Python, and cloud-native tooling.

Focused on reliability, scalability, and pragmatic software delivery across product and platform work.

WORK EXPERIENCE

Freelance

Dominican Republic (Remote)

Software Engineer

Mar 2023 – Present

- Built Chicuí, a farm management platform for Dominican rooster breeders, with a Phoenix API backend and React/Vite frontend covering bird registry, genealogy, breeding, health, inventory, sales, expenses, and compliance records.
- Built an inventory management system from scratch to support stock tracking and product traceability using Elixir/Phoenix, PostgreSQL, and ETS.
- Implemented a Relay-only E2EE chat flow for a LiveView application integration.
- Contributed to open-source Elixir projects.

Tech Stack: Elixir/Phoenix, React, Vite, TailwindCSS, PostgreSQL, Docker

Zubale

Mexico (Remote)

Senior Software Engineer

Feb 2022 – Jan 2023

- Helped drive the transition from a monolithic application to a microservices architecture, improving scalability and maintainability for B2B workflows.
- Built user-facing features with Django and Elixir that reduced service downtime by about 30% and improved operational continuity.
- Implemented CI/CD pipelines to automate delivery workflows and shorten deployment cycles.
- Added real-time capabilities with Phoenix Channels to improve responsiveness in user applications.

Tech Stack: Python, Django, Elixir, Kubernetes, Google Cloud Platform (GCP), CI/CD, Apache Airflow, Apache Kafka, Scrum

Banco Agrícola

Dominican Republic (Santo Domingo)

Software Engineer Analyst

Oct 2017 – Jan 2022

- Innovated internal workflows by developing custom Python tools, including scrapers and QT UI, resulting in a 30% increase in productivity and a 50% reduction in manual tasks.
- Optimized deployment processes by orchestrating the migration of services into Docker containers, reducing deployment time and enhancing scalability.
- Enhanced data analysis capabilities by processing large datasets using Jupyter notebooks and Pandas.
- Automated data extraction tasks by building web scrapers with BeautifulSoup4, increasing data acquisition efficiency and providing real-time updates for decision-making processes.

Tech Stack: Python, Django, Flask, Jupyter Notebooks, Pandas, BeautifulSoup4, Docker

STACK & SKILLS

Programming Languages: Elixir, Python, C++, SQL

Frameworks and Tools: Phoenix/LiveView, ETS, Django, FastAPI, Flask, Pandas, TailwindCSS, Docker, Kubernetes, Redis, Google Cloud Platform (GCP), AWS S3, Git, GitHub Actions, Grafana

Database: PostgreSQL, Redis

AI Domain Knowledge: Currently enrolled in Anthropic's AI Fluency course.

EDUCATION

Pontificia Universidad Católica Madre y Maestra (PUCMM), Santo Domingo

Computer Software Engineering

LANGUAGES

English: Full professional proficiency

Spanish: Native

REFERENCES

Marvin Reyes from Zubale

+502-4059-0250

Ing. Jorge Aquino from Banco Agrícola

+1 809-399-6016