

William Vera

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Work Experience

[Cooperativa Multiactiva Mercado N°4 Ltda.](#)

Asuncion, Paraguay

Backend Web Developer - Django

11/2021 – 04/2023

I was part of the team of developers maintaining the credit union's Django-based backend system. My work focused on the following tasks:

- I developed a dashboard meant to automate the analysis of new loans to be granted to customers. The dashboard itself was powered by a credit risk scoring engine provided to us by an important credit bureau, and accessed remotely through their API endpoints. Implemented with PostgreSQL for the data modeling, HTML and CSS for the dashboard's front-end, Django as glue to wiring it all together, as well as auxiliary python libraries for API connectivity and data cleaning.
- I created new ETL processes used for report generation (reports meant to be used both internally and for external entities such as the tax authority, regulatory agencies, etc.), as well as optimized the performance of existing ETL processes. Implemented with both analytical SQL queries and python's data cleaning and processing libraries.
- I was also in charge of troubleshooting any issues related to the system's daily operations, such as identifying and fixing bugs in the system's codebase.

[Teisa Integración Global](#)

Asuncion, Paraguay

RPA Developer - Python

01/2021 – 06/2021

I developed a prototype of a Python-based robotic process automation (RPA) bot:

- The bot was meant to send personalized work notifications to the company's technicians through different channels (email, WhatsApp); notifications such as new assigned tasks, pending tasks, etc.
- I implemented it using python libraries related to web scraping and browser automation (BeautifulSoup, Selenium) and API connectivity (Requests).

[Teisa Integración Global](#)

Asuncion, Paraguay

Network technician

11/2017 – 12/2020

I was part of the team in charge of the Operations & Maintenance of the company's last mile network (the company is one of the leading Internet Service Providers of the country).

My work focused on the following tasks:

- Provisioning of new internet links to end customers.
- Troubleshooting issues related to customer links such as internet quality degradation, or internet outages. This included working with the client to try fixing the issue remotely, and coordinating on-site assistance for anything else that couldn't be fixed remotely.
- Troubleshooting issues related to the company's internal mail and DNS servers.

Education

University

Universidad Nacional de Asunción - Facultad de Ingeniería

Electronics Engineering · (2011 - present).

High School

Colegio Tecnico Nacional de Asunción

Electronics Technician · (2007 - 2010).

Skills

Technical

- Python programming language.
- SQL query language.
- Django Web framework.
- PostgreSQL database system.
- Python-based data processing libraries (NumPy, Pandas).
- Software engineering best practices (clean code, version control, unit testing).
- Linux server administration.
- Networking protocols (TCP/IP, HTTP, DNS).

Languages

- Native Spanish speaker.
- Technical English proficiency.

Soft Skills

- Problem solving, teamwork and working under tight deadlines.

Contact

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