



# Roger Gonzalez

## Senior Python Developer

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I'm a Senior Backend Developer with 9 years of experience in Python. I've worked with both large and small companies, handling multi-million dollar apps and simple projects alike. I love what I do! Currently based in Uruguay, originally from Venezuela.

## Key Skills



Python



Django



JavaScript



Flask



NodeJS



ExpressJS



PostgreSQL / MySQL



Amazon Web Services



Docker



Github Actions / Gitlab CI

## Professional Experience

### Senior Python Developer

*X-Team | March 2023 - Present*

As one of X-Team's Senior Developers, I am currently part of the team assigned to collaborate with Under Armour's team on one of their projects, MapMyFitness, which has garnered more than 30 million downloads in the App Stores.

In this project, I am fully leveraging my Python/Django development skills along with my expertise in Docker, Kubernetes, and creative problem-solving.

My tasks include:

- Performing general maintenance of their back-end infrastructure to ensure its smooth operation and efficiency.
- Leading the migration from an in-house Apache Kafka implementation to Confluent Cloud, streamlining data processing and messaging.
- Assisting with the migration from MySQL 5.6 to MySQL 7 to achieve improved database performance and functionality.
- Suggesting and designing enhancements to the codebase, contributing to the overall application's robustness and scalability.
- Improving their development environment by enabling local backend infrastructure. Previously, they faced challenges running the backend locally, which forced them to rely on development servers for debugging, resulting in slow and tedious experiences. I was able to make changes to run it locally and streamline their debugging processes.
- Mentoring a new Junior developer who recently joined the team, guiding them in understanding and effectively working with the codebase.

In X-Team, I am currently utilizing a diverse set of technologies, including Python, Django, Docker, Kubernetes, Apache Kafka, and Github Actions, among others. This collaborative environment allows me to continually develop and leverage my expertise in delivering successful projects for high-impact clients like Under Armour.

### Tech Lead Backend Developer

*Prometeo OpenBanking | September 2021 - April 2023*

At Prometeo, I was the Tech Lead, managing a team of 5 developers. I improved the development process by migrating from Bitbucket to Github and from Bitbucket Pipelines to Jenkins. I also set up SonarCloud and other tools to enhance security and code quality. The entire microservice infrastructure was Dockerized for smoother operations.

I handled daily tasks like code reviews, backend architecture, and database maintenance (MySQL and Postgres). Additionally, I led new development projects and guided the team to successful completions.

I had the privilege of being a judge in Prometeo's OpenBanking hackathon, which was an enriching experience.

In this role, I utilized various technologies, including Python, aiohttp, Django, Selenium, Jenkins, Github Actions, SonarCloud, Docker, and FastAPI.

Overall, I am proud to have driven positive changes, improving development efficiency and fostering a collaborative work environment.

### Senior Backend Developer

*Lazer Technologies | September 2020 - September 2021*

At Lazer Technologies, I worked on Certn, an app designed to simplify employers' criminal background checks for their employees. One of my major achievements was overseeing a significant integration with Workday, resulting in a multi-million dollar per year contract for Certn. Throughout this project, I utilized various technologies, including Django, Django REST Framework, Docker, PostgreSQL, Github Actions, and Jenkins.

My key projects at Certn included:

1. Certn - Workday Integration: This crucial integration served as the main link between Certn and Workday, facilitating seamless background checks for employers.
2. Certn - ADA DINER: I contributed to the development of this app, which allows on-demand crawls to check criminal records for specific individuals.
3. Certn - International Framework: I played a key role in building this app, acting as a bridge between Certn's main platform and criminal background check providers, such as the RCMP.

My work at Certn allowed me to make a significant impact, streamlining their background check process and contributing to the company's growth and success.

## ● Senior Backend Developer

*Tarmac.io | July 2020 - January 2021*

During my time at Tarmac, I had the opportunity to work on an exciting project called Volition. The main objective of Volition was to create a specialized crawler capable of extracting information from various web pages. This data was then used to build a unique "supermarket place" dedicated to fasteners and screws.

To ensure efficient development and deployment, our team utilized a range of cutting-edge technologies, including Docker, TypeScript, NodeJS, PostgreSQL, Google Cloud, and Kubernetes.

## ● Senior Backend Developer

*Massive | April 2019 - August 2020*

During my tenure at Massive from April 2019 to August 2020, I had the privilege of working on a significant project for Coca-Cola Mexico called "Tus Tapas Valen." This application was designed to enable clients to participate in promotions and auctions, providing them with opportunities to win exciting prizes. Impressively, the app garnered 400,000 users during its online presence.

Initially, I worked on the FrontEnd using technologies like ReactJS, Redux, and redux-observable. However, as the project evolved, I transitioned to the Backend. While simultaneously working on new Backend functionalities, I also led a substantial refactor to improve the system's overall efficiency.

The Backend was developed using Python, Django, PostgreSQL, AWS, and AWS S3, allowing us to create a robust and scalable foundation for the application.

Working on "Tus Tapas Valen" at Massive was a remarkable experience that allowed me to contribute to the success of a high-profile project for Coca-Cola Mexico.

## ● Backend Developer

*Vascar Solutions | December 2016 - June 2019*

During my time at Vascar Solutions, I had the opportunity to contribute to various projects, with a particular focus on Knac and Axelerist.

Knac is an innovative job application startup that places emphasis on assessments to match candidates with specific job opportunities. In this project, I worked on the

backend using technologies such as NodeJS, Express, MongoDB, Mocha, CircleCI, Heroku, and AWS. My responsibilities involved building the backend infrastructure, ensuring smooth database operations, and integrating various tools for seamless deployment and testing.

On the other hand, Axelerist is a web application designed to connect with an external API and present the client's inventory in a user-friendly and ergonomic manner. As part of the backend team, I managed the API connection, developed an API wrapper, and handled user management. The app was built using NodeJS, Express, MongoDB, Mocha, CircleCI, Heroku, and AWS.

Being a part of these projects at Vascar Solutions provided me with valuable experiences in web application development and utilizing a range of modern technologies. I contributed to the success of Knac and Axelerist by delivering efficient backend solutions and collaborating effectively with the team to achieve our project objectives.

## Languages



Spanish



English

## Education

*September 2010 -  
December 2015*

Information Engineer in Computer Science

*Universidad Tecnologica del Centro, Valencia, Venezuela*

- Internship: Database system for Amcor Rigid Plastics de Venezuela.
- Specializations: **1.** Web development, **2.** Automatization & **3.** Linux administration
- University groups: **1.** TecnoYucas, **2.** Centro de Investigación y Tecnología (CIT), **3.** Centro de Tecnología y Robótica (CTR)