

Marco Richetta

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marcorichetta

About Me

I'm a software engineer with +5 years of experience, mostly focused on **Back-end** development with Python.

I have strong experience in **DevOps** and cloud infrastructure, especially with **Kubernetes** but also with **Serverless** framework for **AWS**.

In addition, I'm comfortable working with several technologies like **TypeScript**, **React**.

I like to share knowledge through <u>talks</u>, <u>mentoring</u>, or helping others in communities like the <u>Django forum</u>.

Currently interested on **Developer Experience (DX)** through IaC. Learning **Go**, <u>Elixir</u>, and exploring **MLOps** practices.

Experience

Fullstack Developer – Freelance

Dec 2024 - present

Copenhagen, Denmark

- Development of a live/on-demand streaming platform, using NextJS with TypeScript on the frontend, Express on the backend and AWS for deployment, video processing and storage.
- Automated deployments and infrastructure provisioning with CloudFormation, orchestrated via the Serverless Framework, ensuring consistency and reliability across environments.

Software Engineer – <u>Mercado Libre</u>

Jul 2022 - Jun 2024

Córdoba, Argentina

• Improved Python Developer Experience by maintaining internal tooling used by thousands of devs across the company. Supported thousands of developers through features, bug fixes, and clear documentation.

- Building on our Python expertise, we led upgrades for +750 outdated Java apps and libraries, managing the roadmap and coordinating with multiple teams for safe rollouts.
- Led an initiative for making a <u>Tech Radar</u> for the company's 4 key technologies (Java, Node, Python, Go), discussing with experts to identify how the company works with them, and establishing a framework for evaluating and classifying new technologies.

Fullstack Developer - Flux IT

Jan 2021 - Jun 2022

Córdoba, Argentina

- Fullstack development with **React** and **Django**, integrating 3rd party systems into internal apps.
- Later on, in a more **DevOps** role, contributed to internal infrastructure migration to **Kubernetes** applying **GitOps** via **FluxCD**.
- Improved monitoring and observability using technologies such as **Open-Telemetry**, **Jaeger**, **Grafana**, and **Prometheus**.

Django Developer - Freelance

May 2020 - Sep 2020

Córdoba, Argentina

- I helped designing new features and bugfixing for a <u>clinic history</u> <u>management system</u> made with **Django**.
- I worked both in the frontend and the backend, defining and updating Django models, views, forms and templates of the system. Also made **tests** for every functionality added or modified.
- Improved **Django/Postgres** dev environment using Docker, optimizing images build time and setting up debugging inside the container using VSCode.

IT Support – <u>Prodeman S. A.</u>

Sep 2017 - Sep 2018

Córdoba, Argentina

- My general goal was to provide **technical support** to all the employees on the company on everything referred to IT.
- Responsible for managing video surveillance systems, including hardware (analog & IP cameras such as Vivotek and Hikvision) and software (Nuuo Video Management Software).
- Office365 tasks (Users administration, Mailbox backups, Powershell scripting)

Education

Computer Systems Analyst

Instituto Superior 25 de Mayo Córdoba, Argentina

Feb 2015 - Dec 2020

Volunteering

<u>Hack Your Future</u>: Joined as a Technical mentor to help people kickstart their programming careers

Skills

Programming Languages: Python, JavaScript/Typescript, Go

Technologies: Django, Pytest, React, Kubernetes, FluxCD, Docker, Open-Telemetry

Languages: Spanish (native), English (professional proficiency), Italian (A1), Danish (A1)