

Juan Ignacio Portilla Kitroser

Software Engineer | Backend & Full Stack

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PROFESSIONAL SUMMARY

Software Engineer focused on backend development with Python, Django and DRF, with frontend experience in React and Next.js. I design, build and maintain **complex production systems** with business rules, multiple integrations and demanding performance, security and traceability requirements. I evolve systems and translate business needs into maintainable, scalable software.

I integrate AI and LLMs into my workflow to improve my efficiency and development quality. I am seeking a remote software development role on a product team where I can learn and grow professionally.

PROFESSIONAL EXPERIENCE

Ministerio de Capital Humano de la Nación

Technical Lead | 11/2024 - Present | Argentina, remote

- Lead a team of **4 developers** dedicated to building SISOC and its satellite systems. SISOC is a government platform in production with approximately **750 active users**.
- Translate complex institutional requirements into **data models, business rules** and features for social programs, citizen services, audits and dashboards.
- Design and implement **REST APIs, granular permissions** and integrations with external and internal systems to synchronize social and identity information, with a focus on the security and traceability of sensitive data.
- Lead the progressive migration from a **monolith to microservices**, defining domain boundaries and decoupling components to improve system maintainability. Also lead the frontend migration from **Django templates to React**, coordinating its integration with the backend.
- Lead **architectural decisions**, code reviews, engineering standards and controlled deployments; implement data migrations and maintain the platform in production.
- **Automate operational and infrastructure tasks** and integrate AI tools such as Codex to improve efficiency and quality in implementation, debugging, documentation and code review.

Full Stack Developer | 07/2024 - 11/2024 | Argentina, remote

StockViz

Full Stack Developer | 01/2024 - 07/2024 | Belgium, remote

- Developed backend logic, endpoints and data models with **Python and Django** for a web application.
- Built responsive interfaces with JavaScript, HTML and CSS, ensuring cross-browser compatibility.
- Implemented **ETL workflows with Apache NiFi** to integrate and transform data between systems for analytics and reporting.

RapiHogar

DevOps Consultant | 12/2023 - 06/2024 | Freelance, remote

- Provided support for the solutions implemented during my previous role on the team.

DevOps Developer | 03/2023 - 12/2023 | Argentina, remote

- Containerized web applications with Docker and contributed to migrating infrastructure to Kubernetes on Google Kubernetes Engine (GKE).
- Managed development, staging and production environments on Google Cloud (GCP) and implemented Sentry to investigate errors and incidents.

Municipalidad de San Miguel

Backend Developer | 06/2023 - 09/2023 | Freelance, remote

- Designed and developed an API between two external social services systems to search, process and return information about individuals across both systems.

MailAmericas

DevOps Developer | 09/2022 - 03/2023 | Argentina, hybrid

- Migrated and maintained six databases in a serverless configuration on Azure.
- Automated CI/CD and testing processes with GitLab; contributed to code reviews and production application maintenance.

Developer Analyst | 03/2022 - 09/2022

- Developed the backend of the supplier portal with Node.js and Express and automated server processes.
- Automated administrative tasks with Node.js, TypeScript and Selenium to replace repetitive manual work.

Gobierno de la Ciudad de Buenos Aires

Backend Developer | 09/2021 - 03/2022

- Planned and developed the Community Action Organizations System (SOAC) with Django and maintained internal systems.

Process Analyst | 04/2021 - 09/2021

- Analyzed and documented operational processes for improvement and implementation.

Arrayan

Junior Frontend Developer | 08/2021 - 11/2021 | Freelance

- Developed the frontend of a human resources application with React and API integration.

PROJECTS

ShineApp | In development

github.com/juaniketro/ShineApp

- Developing a management application for car washes and detailing businesses with Django REST Framework, Next.js, PostgreSQL and Docker.

TECHNICAL SKILLS

Backend & data: Python, Django, Django REST Framework (DRF), REST APIs, SQL, MySQL, PostgreSQL, Node.js, Express.

Frontend: JavaScript, TypeScript, React, Next.js, HTML, CSS.

Delivery & operations: Git, Docker, Linux, CI/CD.

ADDITIONAL TRAINING

Platzi: Python, Django, JavaScript, Node.js, SQL, Docker and cloud.

EducaciónIT: Linux, Shell Scripting, secure development, Git and Scrum.

LANGUAGES

Native Spanish | English B2

VOLUNTEERING

Módulo Sanitario: construction and community support.