

Ignacio Silvera Queijas

Platform Engineer · Kubernetes & GitOps

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PROFESSIONAL SUMMARY

Platform & DevOps Engineer with 10+ years of experience building and operating scalable, reliable infrastructure across cloud and on-prem environments. Strong in Linux, Kubernetes (CKA), GitOps (ArgoCD, FluxCD) and Infrastructure as Code with Terraform. Focused on enabling development teams through automation, observability and robust CI/CD pipelines, and on designing platforms for high availability, performance and security. Also ships and operates a personal SaaS product end to end, leveraging AI-assisted development.

TECHNICAL SKILLS

Containers & Orchestration: Kubernetes (CKA), RKE2, OpenShift, AKS, Helm, Docker

IaC & Config Management: Terraform, OpenTofu, Ansible, Crossplane

CI/CD & GitOps: ArgoCD, FluxCD, Jenkins, GitLab CI, GitHub Actions, Azure DevOps, Bitbucket Pipelines

Observability: Prometheus, Grafana, Alertmanager, Loki, Zabbix, InfluxDB, Telegraf

Cloud: AWS (EC2, ECS, RDS, Route 53, ALB), Azure (AKS, ACR)

Networking & Service Mesh: Istio, Cilium, nginx, Apache, Load balancers, HA (keepalived)

Databases: PostgreSQL, MySQL, MongoDB, Elasticsearch

Languages & Scripting: Python, Bash

Platforms & Practices: Red Hat, CentOS, Debian, Ubuntu, VMware, ITIL, ISO 27001

AI & Automation: AI-assisted development, n8n workflow automation

EMPLOYMENT HISTORY

Platform Engineer — Ionik Tech, Madrid Aug 2025 - Present

- Design and implement the Internal Developer Platform (IDP), enabling self-service infrastructure and reducing time-to-market for multiple engineering teams.
- Orchestrate and manage 20+ production Kubernetes clusters running hundreds of microservices, ensuring high availability and cost-efficiency.
- Plan and execute complex, zero-downtime upgrades across distributed environments, coordinating with cross-functional stakeholders globally.
- Standardize and automate server provisioning and network configuration with Terraform and Ansible, ensuring consistency between UAT and Production.
- Drive GitOps adoption with ArgoCD and FluxCD, improving deployment traceability and security across the organization.
- Strengthen system resilience through advanced monitoring (Prometheus/Grafana) and by leading Root Cause Analysis for complex production incidents.

Technologies: Kubernetes, Crossplane, Terraform, Ansible, ArgoCD, FluxCD, Prometheus, Grafana, Helm, Linux.

DevOps Engineer — The Workshop (Inventors of Play), Madrid Jun 2022 - Aug 2025

- Joined the CDN team to help build a custom Content Delivery Network; delivered a new UAT environment end to end and drove GitOps adoption with FluxCD and ArgoCD.
- Improved monitoring and observability, and led incident response, failure analysis, and documentation of SOPs and operational processes.
- Moved to the Internal Development team: automated internal workflows, optimized CI/CD pipelines, and standardized tooling to boost engineering productivity.
- Joined the Platform Engineering team: designed and built scalable, secure, production-ready infrastructure with IaC automation, Kubernetes platform enhancements, and cloud-native enablement.

Technologies: Kubernetes, Helm, ArgoCD, FluxCD, Jenkins, Bitbucket Pipelines, Docker, Terraform, Ansible, Prometheus, Grafana, Bash.

Senior Systems Administrator — Skydance Animation, Madrid Sep 2021 - May 2022

- Deployed a Linux render farm on bare-metal servers using distributed deployment methods.
- Administered and maintained internal Linux services (mostly Ubuntu) used by Artists and Pipeline teams; Terraform scripting on AWS environments.

Technologies: Linux, Ansible, Terraform, AWS, Docker.

DevOps Engineer — Technisys, Montevideo

Feb 2021 – Aug 2021

- Provisioned cloud infrastructure on Azure and local environments for internal development teams, along with the tooling required for CI/CD processes.
- Focused heavily on Kubernetes and Helm deployments.

Technologies: Azure DevOps, Azure Container Registry, AKS, Bitbucket, Jenkins, Helm, Docker.

Linux Administrator / DevOps — Atos, Montevideo

Sep 2015 – Feb 2021

- Full administration of RedHat, CentOS and Debian servers; installed, configured and administered application servers (Tomcat, JBoss).
- Strong knowledge of httpd, keepalived, firewall, HA and PostgreSQL; familiar with ITIL practices and ISO 27001.
- Delivered AWS projects (EC2, ECS, RDS, Route 53, ALB), automating tasks with Jenkins, Ansible, Terraform and Nexus.
- Contributed to Uruguayan health-sector projects based on InterSystems products (HealthShare).

Technologies: AWS, Kubernetes, Docker, OpenShift, VMware, Helm, Terraform, Ansible, Bash, nginx, Apache, Zabbix, PostgreSQL, MySQL, MongoDB.

EARLIER EXPERIENCE

Linux Administrator — NetLabs, Montevideo

May 2015 – Aug 2015

- Linux administration for enterprise clients (Netgate, HG).

System Administrator — Altimetrik, Montevideo

Sep 2012 – May 2015

- Administered company servers (Active Directory, Linux, Apache, Tomcat, Radius); user support and data-center / structured-cabling maintenance across Windows, macOS and Linux.

Technician — Olidata Uruguay, Montevideo

Jun 2011 – Dec 2011

- Hardware repair of notebooks, netbooks and desktops, including Plan Ceibal devices (XO 1.0/1.5, JumPC).

PERSONAL PROJECTS

TriBathon — Founder & Engineer (tribathon.live)

Live · ongoing

- Designed, built and deployed a multi-platform subathon-timer SaaS for streamers, integrating Twitch, Kick, YouTube and StreamElements.
- Full-stack Next.js application monetized via Paddle subscriptions; sole owner of architecture, deployment and production infrastructure.
- Accelerated development with AI-assisted tooling while applying DevOps expertise for CI/CD, hosting and day-to-day operations.

Technologies: Next.js, Paddle, n8n, AI-assisted development, CI/CD.

ignaciosilvera.com — This website (github.com/silveraignacio/ignaciosilvera.com)

Live

- Zero client-side JavaScript; the same data renders the web page, the printable CV, the PDF and the notes feed.
- Deployed on Cloudflare straight from the repository as static assets: every branch gets a preview URL, and the build fails if the committed PDF drifts from the data.

Technologies: Astro, TypeScript, Cloudflare Workers, Playwright.

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA) — LF-i9ylsg5wmo
- HashiCorp Certified: Terraform Associate (003)
- Zabbix Certified Professional — CP1711-13
- Zabbix Certified Specialist — CS1711-28
- Red Hat Certified Specialist in Virtualization — 190-285-668

EDUCATION

- Degree, Computer Science / Information Technologies — Universidad de la Empresa (UDE), Montevideo (2016)
- Technician, Operating Systems and Networks — Universidad ORT, Montevideo (2012–2015)
- Professional Development Plan, Information Security — Universidad ORT, Montevideo (2015)

LANGUAGES

Spanish: Native | English: Professional working proficiency