

Leoncio Lopez

SENIOR PLATFORM ENGINEER · KUBERNETES OPERATORS (GO) · MLOPS · GITOPS · CLOUD NATIVE

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PROFILES

- linkedin/leoncio-lópez
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- leobip.github.io

SKILLS

Kubernetes

- EKS AKS GKE Operators Kubebuilder
- CRDs Helm Kustomize

MLOps

- Kubeflow ClearML KServe Ray
- GPU Workloads

GitOps

- ArgoCD ApplicationSets Multi-Cluster
- Kustomize

CI/CD

- GitLab CI Jenkins CloudBees
- Release Automation

Python

- Automation REST APIs FastAPI pytest

Go (Golang)

- Kubebuilder Operators Controllers Kafka

Vault / Secrets

- HashiCorp OpenBao GCP Secret Mgr PKI

Observability

- Prometheus Grafana Alerting Metrics

Docker / Linux

- OCI Registries Debian Ubuntu Alpine

Platform Eng.

- IDP Terraform AWS SonarQube

LANGUAGES

- Spanish Native
- English Professional
- Italian Native (EU citizen)

CERTIFICATIONS

GSDC — SRE Foundation

PROFILE

Senior Platform Engineer with 20+ years of experience building cloud-native platforms and Kubernetes automation. Currently working at the intersection of **Platform Engineering and AI Infrastructure** — designing and operating enterprise MLOps environments, building custom Kubernetes Operators in Go, and delivering developer automation platforms using Python, ArgoCD, Kubeflow, and ClearML. Track record delivering automation that reduces manual operational effort in enterprise environments across defense, travel and finance sectors. Founded and ran a software company for over 15 years, shipping a commercial workforce-management platform still in active use today.

EXPERIENCE

T-Systems Iberia Mar 2023 – Present

Senior Platform Engineer – AI & MLOps Infrastructure Now · Feb 2026 – Present

Madrid

- Designed and deployed an enterprise-grade MLOps platform on Kubernetes and GitOps for defense AI workloads.
- Implemented Kubeflow for notebook environments, pipelines, and multi-tenant ML workloads.
- Deployed ClearML for experiment tracking, orchestration, and model lifecycle management.
- Implemented KServe for scalable model serving; configured GPU-enabled AI inference services on Kubernetes.
- Deployed LLMs for chat and code assistance; managed multi-tenant RBAC and platform governance via ArgoCD.

Tech: Kubernetes · Kubeflow · ClearML · KServe · ArgoCD · Python · GitOps · Helm · GPU Workloads · Linux

Software Architect – DevOps/Automation Engineer · Madrid Mar 2023 – May 2026

- Built Kubernetes Operators in Go (Kubebuilder) for cluster automation and Kafka integration for metrics and event streaming.
- Designed Python automation services reducing manual release effort by ~60%, cutting cycles from days to hours.
- Developed secrets synchronization between GitLab, Terraform, HashiCorp Vault, and Google Cloud Secret Manager using REST APIs and FastAPI services.
- Built internal Python libraries with comprehensive pytest coverage for release pipelines and service validation workflows.
- Managed Kubernetes workloads with Helm; deployed artifacts to JFrog Artifactory with Xray analysis.

Tech: Go · Kubebuilder · Python · Kafka · FastAPI · Vault · GitLab · Kubernetes · Helm · Artifactory · REST APIs

Hotelbeds – HBX Group Jun 2022 – Feb 2023

IT Delivery & Automation Engineer · Madrid

- Managed GitOps-based deployments using ArgoCD across Kubernetes microservice environments.
- Designed and implemented CI/CD pipelines with Jenkins and CloudBees for high-throughput delivery.

Oct 2025

AWS Certified Cloud Practitioner

Aug 2025

Application Security for Developers & DevOps

Jun 2025

PRINCE2® Foundation

May 2025

AWS Well-Architected Proficient

Dec 2023

GitOps at Scale — Level II

Sep 2022

Additional certifications & badges verified on [LinkedIn](#)**EDUCATION****University of Los Andes**Engineering — Advanced studies (8/10 semesters)
1989 – 1994 · Venezuela

- Developed a Slack bot in Python to automate CI/CD communications for development teams.
- Supported AWS cloud infrastructure; implemented observability with Prometheus and Grafana.

Tech: Kubernetes · ArgoCD · AWS · Docker · Jenkins · CloudBees · Grafana · Prometheus · Python · SonarQube

Vermont Solutions

Dec 2021 – Jun 2022

DevOps Engineer · Madrid

- Designed and implemented CI/CD processes for enterprise banking environments on OpenShift.
- Developed deployment automation using Jenkins, Groovy and YAML; built operational Python/Bash tooling.
- Integrated SonarQube analysis and quality gates for Java applications.

Tech: OpenShift · Kubernetes · Jenkins · Groovy · SonarQube · Python · Bash

Capitole Consulting

Aug 2021 – Dec 2021

DevOps Engineer · Madrid

- Designed GitLab CI/CD pipelines, managed Runners and build infrastructure; implemented Grafana dashboards.

Tech: GitLab CI/CD · Runners · Grafana · Docker · Linux · SSH

GMV Innovating Solutions

Mar 2019 – Aug 2021

Technology & DevOps Solutions Engineer · Madrid

- Administered SonarQube enterprise environments; developed custom integrations via Python, Ruby and REST APIs.
- Built automated reporting, software quality metrics systems, ETL processes and SQL procedures.
- Designed and implemented Jenkins pipelines integrating Polyspace, SonarQube, Docker, and PC-Lint with custom quality rules.

Tech: Python · SonarQube · Polyspace · SQL · ETLs · Linux · REST APIs · Ruby · Jenkins

Alfa Sistemas C.A.

2002 – 2018

Founder & Systems Manager · Venezuela

Founded and managed a software company for 16 years, designing and commercializing **Chronos ADP** — a workforce and project management platform for the Venezuelan oil sector, with clients still active today. Led the full product lifecycle: architecture, development, sales and support.

- Delivered custom enterprise solutions using C#, Python, VBA and SQL Server.
- Led infrastructure, networking and systems administration for enterprise customers.

Tech: C# · Python · VBA · SQL Server · Windows Server · Networking · VMware

OPEN SOURCE & PROJECTS**Kubernetes Operators (Go) 2025**

Custom Kubernetes Operators built with Kubebuilder and controller-runtime for cloud-native automation. Published on GitHub.

Technical Portfolio Ongoing

Platform Engineering, GitOps workflows, DevOps automation and personal software projects — [leobip.github.io](#)