Nahuel Canavy

Building scalable infrastructure and platforms for AI and software teams.

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EXPERIENCE

Platform Engineer
January 2025 – Present

Wiremind, Paris, France

- **Led the exit from Google Cloud** to OVHcloud bare metal: migrated the data-science stack (JupyterHub, Argo Workflows, MLflow, MinIO, PostgreSQL databases, now replicated) and decommissioned GKE. GPU costs fell 20%.
- **Freed 14% of requested CPU** across the fleet, room to grow without buying servers: Vertical Pod Autoscaler everywhere and new resource defaults in the templating engine.
- **Restored full disk speed on part of the server fleet**: traced a 5× slowdown to a leftover system configuration and removed it, cutting kernel CPU by 43% (write-up).
- **Introduced ClickHouse** for analytics, with the data-engineering team: 66% less disk, 27% less CPU, 28% less memory. Ran it on the Altinity operator, highly available and backed up.
- **Built the FinOps pipeline** behind monthly cost reports per team and per client, from OVHcloud and AWS invoices and Thanos usage data, with budgets tracked against actuals.
- **Created the internal AI agent platform**, adopted by other teams, plus my team's own agents on it: L1 support, daily error reports, dependency-update triage, post-deploy regression checks.
- **Put AWS storage and access in code**: S3 buckets and IAM policies declared as Kubernetes resources, so a backup bucket ships in the same release as the database it serves.
- **Moved a product line from Helmfile to ArgoCD**, platform side, in two weeks and with no production incident.
- **Secured the container supply chain**: every deployed image pinned to its digest, and scanned for vulnerabilities in CI and on every cluster with Trivy.
- Built developer tooling: an MCP server that lets coding agents create and delete review environments, and contributions to the cluster-operations CLI.
- **Moved the company's Grafana dashboards into Git**: one folder per team, synced to every Grafana through a CI gate, with no broken link.
- **Shared maintenance of the company's entire production infrastructure**, at every layer from servers and clusters to databases and monitoring, including as incident lead.
- **Taught Kubernetes and ArgoCD to the company's developers** through internal workshops, run several times.

DevOps Engineer, Internship
April 2024 – September 2024

Thales Alenia Space, Toulouse, France

- Designed and industrialised an automated migration tool that moved CI/CD pipelines from Jenkins to GitLab.

EDUCATION

IMT Atlantique
2021 – 2024

Engineering degree, Software Engineering, Brest, then Nantes

- Exchange program at the University of California, San Diego (2023), Computer Graphics & Systems.

SKILLS

Certifications: CKA, **KCNA**
Orchestration: Kubernetes, Helm, helmfile, ArgoCD, kubespray, Cluster API, VPA, Cilium
Languages & scripting: Python, **Go**, Rust, Bash
Cloud & infrastructure: OVHcloud, AWS, OpenStack, bare metal, GPU, Terraform, Linux, GitLab CI, Trivy
Data & messaging: ClickHouse, PostgreSQL / Patroni, Elasticsearch, Redis, RabbitMQ, S3
Observability: Prometheus, Thanos, Grafana, Alertmanager, incident.io
Spoken languages: French (native), English (bilingual), Spanish (fluent)

PROJECTS

- **foundry** (Go, 2026): CLI that runs my engineering workflow through coding agents, from design and tickets to implementation and review.
- **recouvrance** (Rust, 2026): Kubernetes desktop client with a local MCP server that sets what AI agents may do on a cluster.

Downloaded on 28 November 2026, latest at nahuelcanavy.com/cv