

# Cloud et DevOps Engineer

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**Sophia Antipolis, PACA, France**

Engineer with 1 and a half year of experience and 3 years of apprenticeship, I help teams deliver faster, more securely, and more efficiently by leveraging Kubernetes and DevSecOps to automate deployments, optimize resources, and ensure continuous scalability and availability.

## Skills

<b>Cloud &amp; Infrastructure</b>	Azure, Outscale, Terraform, Ansible
<b>Containers &amp; Orchestration</b>	Kubernetes, OpenShift, Helm, Kustomize, ArgoCD, CloudNativePG
<b>CI/CD &amp; DevOps</b>	GitLab, Sonatype Nexus
<b>Security &amp; Conformity</b>	HashiCorp Vault, Kyverno, Trivy, Nexus IQ
<b>Monitoring &amp; Observability</b>	Prometheus, Grafana, Loki
<b>Databases</b>	PostgreSQL, CosmosDB, MySQL
<b>Programming &amp; Scripting</b>	Python, Bash
<b>Project Management</b>	Agile, DevOps Culture, Training & Mentorship
<b>Communication</b>	French (native), English (C1)

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## Professional Experience

### Cloud & DevOps Engineer

October 2024 - Today

Atos — Pôle Cloud — Sophia Antipolis, France

Clients: Ministry of Justice - National Gendarmerie - ONIAM

- Supported Openshift **3→4** migration for **70+** applications with complete CI/CD overhaul (Jenkins → GitLab CI/CD). Migration from Kustomize to **standardized Helm Charts** integrating PostgreSQL (CloudNativePG), HashiCorp Vault, S3 backups, and HPA. Implementation of rootless containers and Kyverno policies.  
Impact: **0%** downtime, **-70%** deployment time, **-20%** attack surface, trained **50+** developers.
- Deployed and managed a multi-cluster self-service DevOps platform (GitLab CI/CD, ArgoCD, Nexus, Vault, OpenShift 4) across **6** environments. Created **reusable CI/CD components** (build, test, security scan, SBOM) and automated Ansible provisioning.  
Impact: adoption by **30+ teams**, **-85%** onboarding time, deployment **3 weeks→2 days**.
- Automated Cloud infrastructure via Terraform/Ansible on Outscale with **FinOps strategy**, Prometheus/Grafana monitoring, alerting, and SSO.  
Impact: **-90%** provisioning time (3 days→30min), **-20%** cloud costs, **-40% MTTR**.

### Cloud Engineer (Apprenticeship)

September 2021 - September 2024

Thuasne — Lyon, France

- Led the migration and enhancement of a **Kubernetes cloud-native platform** on **Azure** for ingestion and management of IoT medical data compliant with **FHIR, GDPR/HDS**.  
Impact: pilot platform managing **8,000+** IoT devices with **95%** availability.
- Implemented an automated cloud-based digitization solution using **Azure Cognitive Services (OCR)** to process handwritten orthopedic measurement forms.  
Impact: **250+** forms processed daily with **94%** accuracy, **-80%** manual data entry time, **-85%** transcription errors, benefiting **15,000+ patients/year**.

- Designed a real-time multi-source data reconciliation system to **CosmosDB** to create the group's first unified product API with **Azure Durable Functions** and **Azure Data Factory**.  
Impact: unified catalog of **65,000+** product references with latency under **20 min**, **-70%** data inconsistencies.

### Python Developer (Internship)

April 2021 - July 2021

Ciril Group — Villeurbanne, France

- Developed a **Python/Scrapy** automation solution to collect, clean, and normalize at scale the addresses of **25+ retail chains** nationwide.  
Impact: collected **30,000+** addresses with **95%** accuracy in a few days vs. several months with manual processing

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## Education

### Engineering Degree in Computer Science

September 2021 - September 2024

Polytech Lyon — Villeurbanne, France

### Technical University Degree in Computer Science

September 2019 - September 2021

IUT Lyon 1 — Villeurbanne, France

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## Projects

### Portfolio / Blog

Since February 2024

Link: [portfolio](#)

**Portfolio** website and **personal blog** developed with Astro and deployed on GitHub Pages. Modern design showcasing my projects, skills, and detailed experiences. Connected to my Markdown notes via **CI/CD pipelines** for automatic updates. Includes a blog section where I share my learnings and articles on cloud, DevOps, and software development.

### Homelab

Since December 2024

Link: [homelab](#)

**Self-hosted** homelab on Kubernetes running various services for personal use. Designed for learning and experimenting with technologies including container orchestration, network management, and system automation. **Constantly evolving** with regular additions, refactoring, and improvements.

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## Certifications

- Certified Kubernetes Administrator (**CKA**) – The Linux Foundation, 2025
- Microsoft Certified: Azure Developer (**AZ-204**) – Microsoft, 2024
- Microsoft Certified: Azure Fundamentals (**AZ-900**) – Microsoft, 2024
- TOEIC – ETS, 2023