



Maxence Laude

Senior Site Reliability Engineer

*Self-taught, Autonomous, Ingenious, Curious
Teamwork makes the dream work*

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💻 Remote work only

Professional experiences

Cloud Engineer **Olfeo** Full remote / From January 2023 to August 2023

Designed and implemented a robust CI/CD solution using [GitLab CI](#) and [ArgoCD](#) for streamlined software delivery. Managed and maintained Kubernetes clusters on [Orange Flexible Engine \(Huawei Cloud\)](#) to ensure optimal performance and scalability. Conducted internal security audits and established rigorous security protocols to safeguard system integrity. Orchestrated the implementation of a comprehensive governance system, encompassing access control policies, change management protocols, and efficient approval workflows. Enforced the use of standardized Docker images, including [Distroless](#), and facilitated seamless updates through tools like [Renovate Bot](#). Managed feature branch reviews via pull requests, fostering collaborative development and code quality. Implemented a Finops strategy resulting in reduced machine usage and improved cost efficiency. Crafted a one-year multi-cloud infrastructure roadmap, harmonizing product and technical considerations. Key focus areas included security enhancements, centralized authentication, authorization, code review processes, scalability, internal tool optimization, and initiatives to reduce developers' time to market, enhance usability, and expedite deployment.

Site Reliability Engineer **Hivebrite** Full remote / From September 2021 to December 2022

Design of a Hybrid CI solution. ([Buildkite](#))
Development of an internal [Buildkite](#) autoscaling solution based on Event Driven.
Managing [Kubernetes](#) clusters with an eco-system. ([GKE](#))
Deployment of a CD solution with tenant. ([Argo Workflows](#))
Design of [Istio](#) with canary upgrades.
Support teams on cross-functional topics based on [DevOps](#) culture.

Cloud Engineer **Monaco Telecom** Monaco / From May 2020 to July 2021

Cloud reference architectures - CI / CD ([Gitlab CI](#) - [Jenkins](#), [ArgoCD](#) - [FluxCD](#)).
Design reference architectures for [OpenStack](#), [VMware](#), [Kubernetes](#).
Set up continuous integration and continuous deployment pipelines.
Promote best practices for cloud and Git collaboration.
Promote the vision of DevOps, and introduction of [GitOps](#).
Managing [Kubernetes](#) clusters with an eco-system on private cloud ([OpenStack](#)).
Lead of many tools : [Rocket.Chat](#) - [Gitlab](#) / CI - [ArgoCD](#) - [FluxCD](#) - [Istio](#) - [Vault](#)

Site Reliability Engineer **Decathlon France** Villeneuve d'Ascq / From October 2018 to May 2020

Installation and configuration of [Kubernetes](#) platforms. ([AWS](#) & [GCP](#))
Support teams in the migration of Rancher containers to Kubernetes.
Cloud billing migration on [AWS](#).

Freelance Consultant / From July 2017 to May 2020

Partial or total IT outsourcing.
Cloud platform administration [OVH](#).
Application outsourcing on CMS such as ([PrestaShop](#) , [WordPress](#), [Magento](#), [Akeneo](#), [Axelor](#)).
Carrying out internal security audits.

Teacher **SUPINFO International University** Lille / From October 2016 to March 2020

Trainer on different technologies. ([GNU/Linux](#), [Kubernetes](#), [PHP](#))
Complete a specialization option on [Kubernetes](#), and teach the course.

System administrator - **DevOps Inulogic** Lyon, France / From July 2016 to September 2017

Improved VPS automatic installation system (iPXE, FuseJS), update offline ISO Windows
Administration of a virtualization platform ([VMware ESXi 6](#), 15 servers : 330 Ghz, 2.25 To ram, 60 To disque)
Administration of a web hosting platform ([Plesk](#), 7000 websites)
Creation of a REST API : Creating a firewall interface for clients ([Fortinet](#))

Contributions Open Source

- ArgoCD - Implement Plugin Generator (Golang)

Certifications

- Certified Kubernetes Administrator - July 2019
- Certified Kubernetes Application Developer - July 2019
- Certified Kubernetes Security Specialist - January 2022

Hard Skills

- GNU / Linux : Debian, Centos
- Containerization : OpenVZ, **Docker (containerd)**
- Orchestration : **Kubernetes**
- High-Availability : Haproxy, Corosync, Pacemaker, DRBD, Mdadm
- Storage : Ceph, GlusterFS
- Virtualisation : VMware ESXi, Proxmox
- Cache : **Redis**, Memcached, Varnish
- Email : Postfix, Dovecot, Spamassassin, DKIM, SPF, DMARC
- Security : Fail2ban, Shorewall
- Network : VyOS, Pfsense, OpenVPN, WireGuard, IPSEC, Fortinet
- Supervision : Zabbix, **Prometheus**, TICK, **Datadog**
- Database : **MariaDB**, **PostgreSQL**, MongoDB, Galera cluster, Percona XtraDB
- Web server : Apache2, Nginx, Apache Tomcat
- Service Mesh : **Istio**
- Development : PHP & Symfony, **Python**, Javascript, NodeJS, Golang
- IT automation tool : Ansible, **Terraform**
- CI / CD : Jenkins, Gitlab CI, **FluxCD**, **ArgoCD**, Argo Workflows
- Secrets Management : **Vault**, Sealed Secrets
- IAM : **Keycloak**
- Cloud Provider : **GCP**, **AWS**, **OpenStack**, Huawei Cloud

Interests

- Discovering new cultures
- Geopolitics
- Swimming
- Personal development
- Emotional intelligence

Languages

- **French** - Native language
- **English** - Intermediate

Diplomas and qualifications

IT Engineer - SUPINFO International University

School of computer science, leader in France training computer engineers, delivering a Master of Science certified by the State at level I