



# Rémy JACQUIN

*Freelance - Devops - K8S - CI/CD - Python Expert*

## Skills

### Kubernetes

Kubernetes

Prometheus

Grafana

Docker

Helm

Argo CD

### DevOps

Gitlab

Ansible

AWS

GCP

Azure

OVH

### Languages

Python

PHP

Go

*Beginner*

English

*TOEIC 850*

## Experiences

Nov. 2024 **Kubernetes Expert, Enedis, Lyon.**

Present

As part of the DSI team responsible for Kubernetes infrastructures, I contribute to restructuring the GitOps architecture under ArgoCD and optimizing the industrialization of cluster deployments.

At the same time, I provide technical support and guidance to users of our services, helping them make the most of the tools and platforms.

Nov. 2023 **DevOps Expert, Enedis, Lyon.**

Sept. 2024

11 mos

Within the DIGIT department, the Automation Factory team aims to accelerate automation initiatives within the organization and make automation service offerings more accessible.

As part of this, I was responsible for upgrading the industrialization process for virtual machine creation and contributed to the design of the infrastructure-as-code solution for on-premise hosting.

I also participated in a task force focused on securing and optimizing the stability of the IT department's Kubernetes offering.

Sept. 2023 **DevOps Technical Leader, Enedis, Lyon.**

Nov. 2023

2 mos

The Adaje team (COSME division) is responsible for implementing and maintaining operational tools within the DevOps ecosystem. Specifically, the team manages the shared Jenkins instances used for production deployments of DSI applications, as well as the GitLab instance for all projects.

Within this team, I served as the Technical Lead. My main goal was to provide my technical expertise to support strategic decision-making, while also mentoring team members to help them upskill in various technologies, particularly Kubernetes.

I also designed, developed, and deployed a new shared Jenkins offering for the DSI, based on Kubernetes. This project involved a thorough review of all plugins in the existing solution to streamline and optimize the configuration. I then developed Helm charts to automate deployment via ArgoCD, while ensuring the scalability of the solution at scale, to guarantee its robustness and its ability to meet the organization's future needs.

Finally, I led the migration of the GitLab instance from an old network zone to the new Enedis network zones. This project included re-engineering the GitLab deployment automation, managing the change process with users, and executing the migration itself, while minimizing service interruptions.

Lyon – France

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- Jan. 2023 **DevSecOps Technical Leader, Devoteam, Lyon.**
- Sept. 2024 As a Technical Lead at Devoteam, I was responsible for working on various topics such as:  
1 yr – 9 mos
- Writing responses to request for proposals for different clients
  - Designing custom GitLab architectures tailored to the specific needs of clients
  - Training and supporting Devoteam employees in the use of GitLab
  - Managing and optimizing Kubernetes clusters for Devoteam's internal lab platform
- Sept. 2018 **DevOps Consultant, Devoteam, Lyon.**  
Dec. 2022  
4 yrs – 4 mos
- Sept. 2018 **DevOps, Enedis, Lyon.**  
July 2023  
4 yrs – 11 mos
- Within the ICAM division, the DIRECT Integration and Tooling team is responsible for providing the CI/CD tools used by all the projects within the division. The team also ensures the application of best practices for deployment and operational efficiency, managing the staging environments and actively supporting the smooth execution of production deployments. Additionally, as a member of the Adaje team, my mission was to contribute to the management of GitLab and the DSI's shared Jenkins offering. The Adaje team is also responsible for promoting DevSecOps best practices and supporting projects in their automation efforts.
- During this period, I held several key responsibilities. As the technical leader of two teams, I supported decision-making processes and mentored team members to help them enhance their skills, particularly in technologies such as Ansible, GitLab CI, and Kubernetes.
- I also assisted projects in setting up their CI/CD pipelines and implemented a shared GitLab runner offering on Kubernetes.
- As part of continuous improvement in DevSecOps processes, I designed an internal application in Python and Node.js to aggregate DevSecOps metrics and provide management with simplified indicators.
- Additionally, I contributed to the development of a set of GitLab CI templates used across several departments within the DSI, helping to streamline efforts and facilitate the creation of new CI/CD pipelines. Finally, I ensured the operational stability of the GitLab and Jenkins instances within the DSI.
- Feb. 2018 **Linux System Administrator, Lyon Metropolis, Lyon.**  
July 2018  
6 mos
- As part of my role, I was responsible for industrializing several business processes to make them more efficient and reliable, while securing level 1 support activities. I strengthened procedures and automated certain tasks to improve operational responsiveness and security. I also launched project to rethink authentication for system administration interfaces, aiming to centralize and secure access management. As a member of the N2 Unix/Linux team, I contributed to managing complex incidents and administering Unix/Linux systems.
- In this context, I developed a script to simplify the administration of the Unix DHCP, streamlining network configuration management. I also created a script that automatically sends an email report on the status of Windows server updates, providing better visibility and enabling proactive update management. Finally, I wrote a state-of-the-art report on unified authentication and bastion solutions, offering recommendations to enhance the security of access to critical company systems.
- sept. 2016 **System and Network Administrator (internship), Valeo, Tuam (Ireland).**  
févr. 2017  
6 mos
- As part of the team, I was responsible for designing and implementing a Proof of Concept (PoC) to secure the company's wired network using a Network Access Control (NAC) solution. I set up the testing architecture for the PoC, ensuring its proper integration with existing systems and verifying its compliance with security requirements. In parallel, I worked closely with team members to troubleshoot and resolve various technical issues that arose within the infrastructure, contributing to its overall stability and smooth operation.
- Among my key achievements, I developed a successful PoC using PacketFence, an open-source NAC solution, to enhance the security of the wired network. I also conducted a study on automating IT asset management, aimed at optimizing existing processes in conjunction with the tools already implemented by the IT department. Additionally, I created a script to automatically disable Wi-Fi when a wired network connection is available, thereby improving both the performance and security of the company's network.
- févr. 2016 **System and Network Administrator (internship), Abomicro, Lyon.**  
mai 2016  
4 mos
- This internship was an extremely rewarding experience in the field of systems and network management. I was responsible for providing level 1 and 2 support, but this was just one part of my overall responsibilities during these three months.
- I was also in charge of reinstalling Abomicro's production infrastructure, which involved configuring hypervisors, setting up clusters, and managing storage arrays.
- Additionally, I developed a solution to address a company issue by creating a software tool to manage authorized SSH keys on Abomicro's servers.
- Finally, to meet client needs, I provided Software as a Service (SaaS) solutions, allowing clients to focus on their applications without having to worry about hosting.

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## Certifications

- March 2024 **CKS (Certified Kubernetes Security Specialist)**, *The Linux Foundation*.
- Aug. 2023 **Gitlab Accredited Partner Technical Engineer**, *Gitlab*.
- Oct. 2020 **Certified Specialist in Ansible Automation**, *RedHat*.
- Sept. 2023 **AWS Certified Cloud Practitioner**, *AWS*.
- Nov. 2023 **HashiCorp Certified: Vault Associate (002)**, *HashiCorp*.
- Sept. 2020 **Red Hat Certified OpenShift Administrator**, *RedHat*.

## Education

- 2013–2018 **Computer Engineering Degree**, *eXia.Cesi, Écully (France)*.  
Specializing in networks and systems
- 2010–2013 **General Scientific Baccalaureate**, *Lycée L'Oiselet, Bourgoin-Jallieu (France)*.  
Specializing in Computer Science and Digital Sciences

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