

Cyril Ghali

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EXPERIENCE

DevOps Engineer

Mars 2023 – August 2023

KPMG

Luxembourg, Luxembourg

- Monitored and deployed cloud-native applications in a **Kubernetes** environment.
- Assisted in debugging issues and enhancing CI/CD pipelines
- Working in **Azure** environment using tools such as Azure DevOps or Azure Portal
- Operated in an on-premises environment utilizing **VMware vSphere**
- Developed automation scripts using **Bash** and **Python**.
- Developed and deployed **Ansible** playbooks to automate infrastructure provisioning and configuration management tasks.
- Successfully integrated the ELK stack (**Elasticsearch**, **Logstash**, **Kibana**, **Beats**, **RabbitMQ**) into over 30 production applications.

Software Engineer

Sep 2021 – Feb 2022

Goodwave

Remote, Headquartered in Paris, France

- Developed a no-code tool for building landing pages by filling out a form using Next.js
- Worked with the team to maintain and improve existing products, using a range of technologies such as React, Node.js, and MongoDB.
- Improved the quality of the codebase through refactoring and code reviews.

PROJECTS

Home lab

June 2020 – Present

- Built a k3s cluster with multiple virtual machines and containers, utilizing cutting-edge technologies such as Kubernetes, **Docker**, and DevOps tools like Flux and Ansible to automate deployment and configuration management.
- Effectively managed and maintained my home infrastructure using **Proxmox**, an open-source virtualization platform.
- Experimented with advanced technologies such as **Prometheus**, **Grafana** and Netdata to enhance the lab's capabilities and performance, and provide a reliable and scalable infrastructure for testing and development purposes.
- Demonstrated great problem-solving skills by addressing and resolving various technical issues that arose while building and managing the homelab.

EDUCATION

EPITA

Kremlin Bicêtre, France

Master of Science in Software Engineering, Minor in entrepreneurship

Sep. 2020 – Sep 2023

- Developed expertise in software development best practices, including Agile methodology, **Git** version control, and automated testing techniques.
- Mastered complex computer science concepts, such as algorithms, graph traversal, algorithmic complexity, and language theory.
- Completed various programming projects, including developing a shell, creating an IDE, building a web server from scratch using languages like **Java**, **C**, **C++** and **Python**
- Pursued minor courses in UX Design, Product Management, Sales, Customer Success, and Growth Hacking, showcasing a well-rounded and diverse skillset.