HUGUES CONNAN

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WORK EXPERIENCE

Cloud DevOps Engineer & Trainer
Zenika

Since March 2022
Rennes, France

I am working for major accounts as a Cloud and DevOps Engineer. My main responsibilities includes:

- Helping companies in their **move to cloud** journey, mainly to **Google Cloud** and **Amazon Web Services**.
- Building all the infrastructure using **Terraform** and **Ansible**
- Automating applications deployments thanks to **Helm**, **Helmfile**, **ArgoCD** and **GitLab CI**
- Developing containerized applications using **Docker**
- Managing, many **production-ready Kubernetes** cluster, ensuring **high-availability**
- Leading a global effort to monitor platforms using **Prometheus**, **VictoriaMetrics** and **Grafana**
- Leading a significant effort on **FinOps** side to maximize the business value of cloud using **autoscaling** or storage lifecycle strategy

At the same time, I am supporting companies during their digital transformation journey as a corporate instructor on **Kubernetes**. I have trained more than 100 people precisely on:

- Kubernetes Application Developer & Administrator
- Road to be Certified Kubernetes Application Developer and Certified Kubernetes Administrator

Data Engineer
Thales

Nov 2021 – March 2022
Rennes, France

I helped the team (4 people including me) to collect data, using **Go**, **Ansible** and **Serf by HashiCorp** from several sources (UDP/TCP sources, promiscuous mode or multicast) to get them into a data lake.

Cloud DevOps Engineer
Thales

Sept 2019 – Nov 2021
Rennes, France

I contributed to 2 significants inner-source projects built an online and offline Platform-as-a-Service atop respectively **Kubernetes** and **OpenShift**, production-ready, latency-critical and high-availabile.

- Helped to define and implement the **High-Level Design and architecture**
- Led a global effort to secure Kubernetes internal flows using the **Network Policies** and **OPA Gatekeeper**
- Automated the deployment and bootstrap applications such as Elastic stack, Vault, Keycloak, PostgreSQL using **Ansible**, **Helm**, **GitLab CI** and **Kubernetes Operator**

EDUCATION

Ecole Supérieur d'Ingénieurs de Rennes | *Master of Engineering*
Rennes University

2014 – 2019
Rennes, France

- "Grande Ecole" academic excellence program
- Graduated with a Master's degree in **Information Systems Engineering**

Computer Science | *Bachelor of Sciences*
Newcastle University

2018
Newcastle Upon Tyne, United Kingdom

- Sucessfully followed the Computer Science BSc, stage 3 for one semester as an **Erasmus student**.

SKILLS

Cloud & On-Premise   Google Cloud, Kubernetes
DevOps   Terraform, Ansible, GitLab CI, Kubernetes, Docker, Helm, Kustomize, ArgoCD, Go, Python
Language   French native language, English full proficiency

CERTIFICATIONS

Kubestronaut (KCNA, KCSA, CKAD, CKA, CKS)   2024