

HUGUES CONNAN

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WORK EXPERIENCE

CLOUD DEVOPS ENGINEER & TRAINER

Since March 2022

ZENIKA

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

Nov 2021 – March 2022

THALES

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

Sept 2019 – Nov 2021

THALES

Rennes, France

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

- 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*

2014 – 2019

RENNES UNIVERSITY

Rennes, France

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

COMPUTER SCIENCE | *Bachelor of Sciences*

2018

NEWCASTLE UNIVERSITY

Newcastle Upon Tyne, United Kingdom

- Successfully 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 / Helmfile, Kustomize

Language French native language, English full proficiency

CERTIFICATIONS

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

2024