Victor Hang

Site Reliability Engineer
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https://github.com/Banh-Canh

Bordeaux, Aquitaine, FR

SKILLS

Cloud & Infrastructure, Development & Automation, Systems & Databases

EDUCATION

in DevOps Consultant | ib - groupe Cegos
, 2021 - 2021

in Network and System Administration | EPSI
, 2020 - 2020

CERTIFICATIONS

GCP Architect ($certification.Date)
CKA Kubernetes Administrator ($certification.Date)
Gitlab Associate ($certification.Date)

LANGUAGES

French (Native)
English (Professional)

HOBBIES

Coding , Gym , Concerts , Travels

EXPERIENCES

Site Reliability Engineer | S3NS
| Since Jun, 2023
Site Reliability Engineer specializing in Compute & Virtualization for S3NS, a Thales-Google Cloud partnership delivering secure and sovereign cloud solutions. Responsible for designing, automating, and optimizing Kubernetes-based infrastructure for the internal IaaS, ensuring high availability, security, and compliance with SecNumCloud regulations.

- Kubernetes, Kubevirt, KubeOVN, NixOS, Golang, Kubebuilder, GCP

DevOps Consultant at Orange Business Service | SFEIR
| Nov, 2022 - Jun, 2023
DevOps Consultant at SFEIR, providing Level 3 expertise for Orange Business Services. Focused on designing, automating, and securing cloud-native infrastructures using Kubernetes, Terraform, and GitOps methodologies. Ensured high availability, scalability across AWS environments, Vault, and observability tools like Prometheus, Thanos, and Grafana.

- Kubernetes, Saltstack, Terraform, AWS

DevOps Administrator | SysOps | CHEOPS TECHNOLOGY
| Jun, 2021 - Oct, 2022
DevOps Administrator at CHEOPS TECHNOLOGY, part of a DevOps squad designing a Kubernetes-as-a-Service platform. Built and maintained Kubernetes environments with Ansible, ArgoCD, and GitLab CI/CD, ensuring high availability and scalability. Managed authentication and security with HashiCorp Vault and Keycloak.

- Kubernetes, Ansible

PROJECTS

Home Cluster
Kubernetes-as-a-Service platform with multi-tenancy using Kamaji, Vault, Zitadel, and NixOS to deploy and manage media and domotic apps for personal use, ensuring security, scalability, and reproductibility.

MaxTac
MaxTac is a Kubernetes controller that simplifies and automates the management of NetworkPolicy resources. It works by introducing two Custom Resource Definitions (CRDs), Access and ExternalAccess.

Songbird
Cli to evaluate network policies configuration to check for connectivity in your Kubernetes cluster.

ginx
Ginx is a cli tool that watch a remote repository and run an arbitrary command on changes/updates. It can be used to trigger nixos-rebuild on git push.

NixBook
NixOS configuration for Laptops with customizable profiles and modules.

NixOS-Server
NixOS Server configuration with full gitops deployment for multiple kubernetes clusters