Victor Hang
Site Reliability Engineer

Bordeaux, Aquitaine FR

✉ vhvictorhang@gmail.com

Victor Hang (https://www.linkedin.com/in/victor-hang)

Banh-Canh (https://github.com/Banh-Canh)

SKILLS

Cloud & Infrastructure

Kubernetes | Kubevirt | Cluster API |
Vault | FluxCD/ArgoCD | Monitoring

Development & Automation

Golang | Kubebuilder | Python | Git |
Docker | Terraform | Ansible | Saltstack

Systems & Databases

NixOS | Flatcar | Debian | RedHat |
Postgres | MySQL

EXPERIENCES

Jun, 2023 - Current

Site Reliability Engineer @ S3NS

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

Nov, 2022 - Jun, 2023

DevOps Consultant at Orange Business Service @ SFEIR

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

Jun, 2021 - Oct, 2022

DevOps Administrator | SysOps @ CHEOPS TECHNOLOGY

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

⬈ https://github.com/Bealvio/bealv

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.

- Kubernetes, ClusterAPI
- NixOS, Proxmox
- Golang, Kubebuilder

Netwatch

⬈ https://github.com/Banh-Canh/netwatch

A tool to manage temporary Kubernetes network access via a web UI and a controller.

- Golang, Kubebuilder, Kubernetes

MaxTac

⬈ https://github.com/Banh-Canh/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.

- Golang, Kubebuilder, Kubernetes

Songbird

[↗ https://github.com/Banh-Canh/songbird](https://github.com/Banh-Canh/songbird)

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

- Golang, Kubernetes

NixBook

[↗ https://github.com/didactiklabs/nixbook](https://github.com/didactiklabs/nixbook)

NixOS configuration for Laptops with customizable profiles and modules.

- NixOS

NixOS-Server

[↗ https://github.com/didactiklabs/nixOS-server](https://github.com/didactiklabs/nixOS-server)

NixOS Server configuration with full gitops deployment for multiple kubernetes clusters

- NixOS

EDUCATION

2021 - 2021

DevOps Consultant @ ib - groupe Cegos

Major courses: Docker | Kubernetes | Python | Ansible | AWS | Jenkins

2020 - 2020

Network and System Administration @ EPSI

Major courses: TCP/IP | Linux | Windows Server | Scripting | MS SQL Server | Oracle SQL Server

CERTIFICATIONS

2023-09

GCP Architect

Google Cloud Skills Boost

2022-02

CKA Kubernetes Administrator

Linux Foundation

2021-04

Gitlab Associate

Gitlab

LANGUAGES

French

Native

English

Professional

HOBBIES

Coding

Skills acquired: golang | infrastructure | kubernetes | nix

Gym

Skills acquired: running | weightlifting

Concerts

Skills acquired: classical | j-pop | pop | jazz | funk | electro

Travels

Skills acquired: Japan | Italy | UK