

# Victor Hang

Site Reliability Engineer

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## Experiences

**Site Reliability Engineer** Since Jun, 2023  
**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

**DevOps Consultant at Orange Business Service** Nov, 2022 - Jun, 2023  
**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

**DevOps Administrator | SysOps** Jun, 2021 - Oct, 2022  
**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

## Socials

LinkedIn [Victor Hang](#)  
Github [Banh-Canh](#)

## Education

**DevOps Consultant**  
ib - groupe Cegos  
2021  
**Network and System Administration**  
EPSI  
2020

## Certifications

**GCP Architect**  
2023-09  
Google Cloud Skills Boost  
**CKA Kubernetes Administrator**  
2022-02  
Linux Foundation  
**Gitlab Associate**  
2021-04  
Gitlab

## Skills

- Cloud & Infrastructure
- Development & Automation
- Systems & Databases

## Languages

French Native  
English Professional

## Hobbies

Coding, Gym, Concerts, Travels

# Projects

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## Home Cluster

[github.com/Bealvio/bealv](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 reproducibility.

## Netwatch

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

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

## MaxTac

[github.com/Banh-Canh/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.

## Songbird

[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.

## ginx

[github.com/didactiklabs/ginx](https://github.com/didactiklabs/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

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

NixOS configuration for Laptops with customizable profiles and modules.

## NixOS-Server

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

NixOS Server configuration with full gitops deployment for multiple kubernetes clusters