

# HANG VICTOR

Site Reliability Engineer



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## 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.

### 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.

### 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.

## EDUCATION

### DevOps Consultant | ib - groupe Cegos

2021

### Network and System Administration | EPSI

2020

## CERTIFICATIONS

GCP Architect

CKA Kubernetes Administrator

Gitlab Associate

## PUBLICATIONS

## PROJECTS

Home Cluster

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

Netwatch

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

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

## SKILLS

Cloud & Infrastructure, Development & Automation, Systems & Databases

## LANGUAGES

French (Native) , English (Professional)

## HOBBIES

