

Victor Hang

Site Reliability Engineer

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

[Banh-Canh \(https://github.com/Banh-Canh\)](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 domestic apps for personal use, ensuring security, scalability, and reproductibility.

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

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, which allow you to define network connectivity rules at a higher level of abstraction.

- Golang, Kubebuilder, Kubernetes

Songbird

🔗 <https://github.com/Banh-Canh/songbird>

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

- Golang, Kubernetes

ginx

 <https://github.com/didactiklabs/ginx>

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

- Golang, Cobra, Viper

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.

- Golang, Cobra, Viper

salaryman

 <https://github.com/Banh-Canh/salaryman>

The project I used to generate this CV. Build your resume with HTML/CSS and JSON Data.

- Golang, Cobra, Viper

NixBook

 <https://github.com/didactiklabs/nixbook>

NixOS configuration for Laptops with customizable profiles and modules.

- NixOS

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

