

DO DUY HUY HOANG

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🌐 [LinkedIn Profile](#) 🐙 [GitHub Profile](#)



EDUCATION

University of Limoges

MSc specialize in Information Security and Cryptography

Limoges, France

Sept. 2020 – Sept. 2022

University of Science and Technology Hanoi

Bachelor of Science and Technology, Undergraduated: Good

Hanoi, Vietnam

Sept. 2016 – Sept. 2019

SKILLS

Languages: Vietnamese (Native), English (IELTS 6.5), French (DELF A2)

Programming Languages: Python, Bash, PHP, Go

Industry Knowledge: Linux System, Virtual Machine, Cryptography, Cloud, Networking, Security

SRE/DevOps Stack: Github/Gitlab/Jenkins CI/CD tool, Prometheus & Grafana, Loki + Promtail, AWS, Docker, k8s, Ansible, Terraform, QNAP/NAS, Proxmox, Apache/Nginx, HAProxy, CloudFlare

Database: MariaDB, MySQL, MongoDB

Developer Tools: Git, Docker, KVM, Xen, Linux, Vim

EXPERIENCE

AgileBio

SRE / DevOps Engineer

Paris, France

Nov. 2022 - Now

- Team size: 1
- Building Infrastructure solutions for laboratories & other industries. Making/Publishing official Labcollector docker image. Scaling infrastructure, configuring network/firewall, maintaining different servers(mail, storage, QNAP/NAS, etc), automating development/deployment, developing AgileBio Backoffice tools. Migrating old infrastructure (Proxmox) to AWS Cloud.
- Technical stack
 - * Cloud: AWS
 - * CI/CD: Jenkins, BitBucket
 - * Monitoring: Prometheus & Grafana, Loki + Promtail
 - * Database: MariaDB, MySQL, PostgreSQL
 - * Docker, Ansible, Terraform, k8s, Linux, KVM
 - * Bash, Python, PHP, perl, HAProxy, AWS loadbalancer, QNAP/NAS, firewall(pfsense), Proxmox, Apache/Nginx, HAProxy, CloudFlare

Toulouse Institute of Computer Science Research

System Engineer/Researcher | C/C++, Linux Kernel, Bash, VM

Toulouse, France

Feb. 2022 - Sept. 2022

- Develop workload migration system from one hypervisor to another(Xen/KVM) and Linux
- Modify Linux Kernel for constructing VM memory map by adding new filesystem
- Make a kernel module for saving workload memory

Vmodev

Software Developer | NodeJS, Docker, MongoDB

Hanoi, Vietnam

May. 2019 – Aug. 2020

- API Experience, Security, Performance and Scalability
- Organised and hosted tech/non-tech events at Vmodev

IRD Vietnam

Interne & Développeur de logiciels | Python, Bash, IoT

Hanoi, Vietnam

May. 2018 – Janv. 2019

- Create a communication and control system that utilizes remote scanning via GSM and transfers data over short distances via Bluetooth
- Co-author of the article Autonomous Maeght field scanner with **Prof. Jean-Luc Maeght**