DO Duy Huy Hoang

📱 +(33)772429711 ✉ huyhoang8398@gmail.com 🌐 huyhoang8398.github.io

in LnkedIn Profile   GitHub Profile

EDUCATION

University of Limoges	Limoges, France
MSc specialize in Information Security and Cryptography	*Sept. 2020 – Sept. 2022*
University of Science and Technology Hanoi	Hanoi, Vietnam
Bachelor of Science and Technology, Undergraduated: Good	*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, Promotheus & 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	Paris, France
SRE / DevOps Engineer	*Nov. 2022 - Now*

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

Toulouse Institute of Computer Science Research	Toulouse, France
System Engineer/Researcher | C/C++, Linux Kernel, Bash, VM	*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	Hanoi, Vietnam
Software Developer | NodeJS, Docker, MongoDB	*May. 2019 – Aug. 2020*

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

IRD Vietnam	Hanoi, Vietnam
Interne & Développeur de logiciels | Python, Bash, IoT	*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**