



LE HUU PHAT

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EDUCATION

Cantho University

2015 - Jan 2019

Major: Data Communication and Networking

WORK EXPERIENCE

CUSC SOFTWARE CENTER

June 2019 - June 2021

Developer and Server Administrator

Main responsibilities:

- Developed CGate portlet using Liferay.
- Designed and implemented RESTful API services with Jersey.
- Conducted research and developed integration solutions with WSO2 ESB.
- Managed application releases and monitored server clusters in a private cloud environment.
- Ensured application and service security compliance before production releases.
- Responsible for testing server cluster performance and security applications in accordance with the requirements of the Ministry of Information and Communications.

Project: Government Portal

PTN GLOBAL

June 2021 - 07/2022

IT Manager & DevOps Engineer

Main responsibilities:

- Managing security compliance, including the implementation and maintenance of **ISO 27001** standards.
- Develop and implement IT management strategies, policies and procedures aligned with company goals and business objectives.
- Served as Cloud Architect with expertise in Azure, AWS, and Google Cloud Platform.
- Implemented CI/CD pipelines using Jenkins and GitHub Actions.
- Designed and deployed microservices with Kubernetes on AWS EKS, Azure AKS, and Google Cloud GKE.
- Utilized Infrastructure as Code (IaC) to provision cloud infrastructure using Terraform and Terragrunt.

Offshore Infrastructure Manager for Medical Director

- Infrastructure Management: Oversaw and optimizing the IT infrastructure to support Medical Director operations, ensuring high availability and robust performance.
- Disaster Recovery (DR) Deployment: Designed and deployed a comprehensive Disaster Recovery (DR) system using Terraform and GitHub Actions to automate failover processes and protect critical data.
- Automation & IaC: Leveraged Infrastructure as Code (IaC) principles with Terraform to standardize and automate infrastructure setup, increasing deployment efficiency and reducing human error.

DRIMAES

July 2022 - June 2023

System Administrator & DevOps Engineer

Main responsibilities:

- Cloud Architecture: Designed and managed cloud solutions across Azure, AWS, and Google Cloud Platform, optimizing performance and scalability.
- CI/CD Pipelines: Built and automated continuous integration and delivery pipelines using GitLab for efficient build, test, and deployment workflows.

- Microservices: Deployed and orchestrated microservices with Docker and Kubernetes, ensuring scalability and resilience in cloud environments.
- Infrastructure Provisioning: Utilized Terraform and GitLab for Infrastructure as Code (IaC), automating provisioning and management of cloud resources.
- Video Conferencing Solutions: Configured and maintained Jitsi Meet and Jibri recording services within Kubernetes for seamless video meetings and recording capabilities.
- Linux Server Monitoring: Developed custom Bash scripts to monitor and manage Linux servers, improving system reliability and performance insights.(Bash/Python script, Prometheus, Grafana)

Projects:

- Tulearning (<https://tulearning.ai/>)
- Phenikaa University (LMS education)

BE SOLUTION - Offshore DevSecOps for Changi Airport (CAG)

June 2023 - present

System Administrator & DevOps & DevSecOps

Main responsibilities:

- Cloud Architecture: Designed and optimized multi-cloud solutions across Azure, AWS, Google Cloud Platform, and Salesforce to enhance scalability, reliability, and cost-efficiency.
- CI/CD Implementation: Developed and implemented CI/CD pipelines using Jenkins, GitLab CI/CD, and GitHub Actions to automate build, test, and deployment processes.
- Microservices & Containerization: Managed and deployed microservices using Docker, Podman, and Kubernetes for efficient and scalable application architecture.
- Automation & Continuous Integration: Automated the entire build, test, and deployment lifecycle, ensuring faster and more reliable software releases.
- Collaboration & Process Improvement: Collaborated closely with software developers and stakeholders to ensure that software delivery adheres to established best practices, processes, and quality standards.
- Quality & Security Compliance: Maintained quality and security gates to ensure applications are defect-free and meet compliance standards before production release.
- Work on new initiatives like evaluation and implementation of new tools and processes that could build digital factory and speed up application development.

Projects: City Energy, Changi App, Sing Post

CERTIFICATIONS

Certificate of Business Network Management at CUSC	2014
Certificate Machine Learning Fundamentals at VinAI Academy	2021

SKILLS

Programming language	Java, Python, Nodejs, Golang , AWS CDK, Azure Function.
Cloud Computing	AWS, Azure, GCP and Heroku platform, Openstack
OS-level virtualization	Docker, Podman, Kubernetes
Language	English fluently

