

CURRICULUM VITAE

PERSONAL INFORMATION

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OBJECTIVE

Drive vision for DevOps creation, operation of process automation, tooling to implement standards and boundaries in a way that empowers our application infrastructure and deployment needs.

Have the ability to shape architecture and automate all aspects of our environment to meet existing operations and future scalability requirements of the organization.

PROFESSIONAL SUMMARY

Skilled DevOps Engineer with 5+ years of hands-on experience supporting, automating and optimizing mission critical projects (Online Television Application, E-commerce website) on AWS/Azure Cloud and on-premise, leveraging configuration management, CI/CD and DevOps processes

Patient, careful and creative, always learning attitude and thinking out-of-the-box

Happy to teamwork and communicate to solve complicated problems.

EDUCATION & CERTIFICATIONS

From: 2007	Hanoi University of Technology
To: 2012	Faculty of Information Technology

WORK EXPERIENCE

From: 9/2012 To: 10/2015	Company: Viettel Company Work as a System Engineer.
From: 10/2015 To: 12/2018	Company: Alticast Company Work as a Senior System Engineer
From: 12/2018 To: 06/2020	Company: SmartOSC Company Work as a DevOps Engineer
From: 06/2020 To: Present	Company: CMC Company Work as a DevOps Engineer.

TECHNOLOGY AND DEVOPS SKILLS

Level: 1-4 Aware (Basic, need to practice more); 5-7 Knowledgeable (Intermediate, can use it at work); 8-10 Proficient (Advanced, very good to use it at work)	
Competencies	Level
Cloud Platform (AWS, Azure, Digital Ocean...)	Knowledgeable, 7/10
CI/CD tools (Jenkins, Gitlab-ci, SonarQube, Coverity...)	Proficient, 8/10
Container Orchestration (Kubernetes, EKS, AKS)	Proficient, 8/10
Container Technology (Docker, ECS, Azure container service)	Proficient, 8/10
RDBS (oracle RAC, MySQL cluster, ...) & NoSQL (MongoDB, DynamoDB)	Proficient, 8/10
System Architecture Design	Proficient, 8/10
Infrastructure Provision Tools (Terraform, pulumi)	Proficient, 8/10
Configuration Management Tools (Ansible)	Knowledgeable, 7/10
WEB/WAS (Apache Tomcat, Nginx, Traefik)	Knowledgeable, 7/10
Monitor and central logging (DataDog, CloudWatch, Prometheus, ELK stack)	Knowledgeable, 6/10
Source version control (Git, SVN)	Knowledgeable, 7/10
Performance testing (Jmeter + groovy , ngrinder)	Knowledgeable, 6/10

LANGUAGES

Language	Level	Note
English	Intermediate	Be able to communicate well in English

PROJECT LIST

TMS– (12/2021 – present)

Project Description:	Education domain
Role	DevOps Team Leader
Responsibilities:	<ul style="list-style-type: none"> ● Maintain Git workflow for version control ● Develop and maintain CI/CD pipelines using Git/Jenkins/Octopus/S3/CloudFront/K8s ... ● Build and deployed Docker containers for implementing Microservices Architecture with .net programing language. ● Provision resources on AWS platform using Terraform. ● Build up the monitoring system using DataDog. Integration AWS IAM to Datadog to transfer metric from cloudwatch.
Platform	AWS.
Technology stack	Cloud, Jenkins, Gitlab CI, Docker, Kubernetes, EKS, Docker, Terraform, DataDog, ReverseProxy, C# ,

Atphyzom – (6/2020 – 12/2021)

Project Description:	Stock Recommendation Project
Role	DevOps Engineer
Responsibilities:	<ul style="list-style-type: none"> ● Maintain Git workflow for version control ● Develop and maintain CI/CD pipelines using Git/Jenkins/Ansible/SonarQube ... ● Build and deployed Docker containers for implementing Microservices Architecture. ● Provision resources on AWS platform using Terraform. ● Orchestrated Docker container cluster using AWS Kubernetes Service. ● Build-up the logging centralize system (ELK stack)

	<ul style="list-style-type: none"> ● Build up the monitoring system using Prometheus and Grafana.
Platform	AWS, Digital Ocean.
Technology stack	Cloud, Jenkins, Gitlab CI, Docker, Ansible, Kubernetes, EKS, DOK, Docker, Terraform, Prometheus, SonaQube, nginx, php...

ConnectPOS – (12/2018 – 6/2020)

Project Description:	E-commerce Website
Role	DevOps Engineer
Responsibilities:	<ul style="list-style-type: none"> ● Maintain Git workflow for version control ● Design system using Kubernetes. ● Design CI/CD pipeline for Staging and Live environments using Jenkins, Gitlab CI, Docker, Ansible ● Deploy Kubernetes clusters and managing services with AKS, EKS & DOK ● Provision resources on AWS platform using Terraform. ● Migrate data from legacy system to new one. ● Design CICD flow using Jenkins file and bash scripting. ● Making Docker files for building up images. ● Build up the monitor system using Prometheus and Grafana. ● Build up and manage mongoDB Replica Set. ● Manage and operate cloud computing and all service on cloud. Making the system meets requirements as stability, security, high availability. ● Setup- Configure Logging centralize system (ELK stack)
Platform	AWS, Digital Ocean.
Technology stack	Cloud, Jenkins, Gitlab CI, Docker, Ansible, Kubernetes, EKS, DOK, Docker, Terraform, Prometheus, Nodejs, SonaQube, CICD, Encrypt, ReverseProxy, RDBs, noSQL DB...

Viettel's MultiScreen – (2015 – 12/2018)

Project Description:	Online Television Application
Role:	Senior System Engineer
Responsibilities:	<ul style="list-style-type: none"> ● Making performance testing script for checking the system semiyearly. ● Build up the CD flow using (Jenkins, git, ansible ...) ● Management MongoDB Replica Set system. ● Design & Build in test lab, environment to reproduce Television network issue.

	<ul style="list-style-type: none"> ● Operations & maintenance Multiscreen-project servers ● Build up the system for monitor using the Prometheus, Elasticsearch & Kibana ● Write custom scripting using Bash Shell, Python, Groovy for system log monitoring ● Coordinating with software engineer and QA team to resolve issue happen into O&M progress. ● Build testing environment using Docker images for developer team ● Using the test tool as NGrinder, Jmeter for testing API and system performance
Platform	On-premise
Technology stack	Docker, ELK, Prometheus, NGrinder, Jmeter, Bash Script, Python, Groovy , noSQL DB...

GPON System Administration – (2012 – 2015)

Project Description:	On-premise Datacenter Administration
Role	System Administrator
Responsibilities:	<ul style="list-style-type: none"> ● Operating & Maintenance GPON system server and Viettel Television system server – mostly Redhat and CentOS ● Enforce network access rules and policy to internal server. ● Working with third party vendors to solve hardware issue and devices behavior.
Platform	On-premise
Technology stack	Redhat, CentOS, Bash Script, Ansible.

PERSONAL INTERESTS

☐ Reading book.

☐ Listening to music.

☐ Football.

☐ Videos games.