

VU HUNG (Henry)

Cloud Platform Engineer

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- 📍 Hanoi, Vietnam

OBJECTIVE

Experienced Cloud Platform DevOps Engineer with 5+ years of expertise in AWS, Azure, Kubernetes, and CNCF Landscape. Proven ability to build and improve in-house and public software to improve development and software lifecycle productivity. Strong research and hands-on experience with projects ranging from small to large clusters for customers in finance, banking, cargo, and the first technology bank in Vietnam (Techcombank). Successfully managed software systems for a casino game company with millions of users, relying on 80% Azure Kubernetes and 20% AWS. Professional and experienced presenter at AWS and community events. Founded my own public community, wrote technical blogs, created a YouTube channel, contributed to open source projects, and mentored students through an academy.

SKILLS

MICROSERVICE, CONTAINER ORCHESTRATOR, CLOUDNATIVE

Mainly on Kubernetes and Docker and experienced with many CNCF Projects (Linkerd, Gloo, Prometheus, Grafana, AlertManager, Thanos, Loki, ExternalDNS, CoreDNS, ExternalSecret, Nginx Ingress Controller...)

PROGRAM LANGUAGE

Go, JavaScript, Nodejs, TypeScript, Python, Groovy

CI/CD, AUTOMATION

Github Action (almost Custom Action), ArgoCD, Terraform, Jenkins, Atlantis, Azure Function, AWS Lambda, Ansible

PUBLIC CLOUD

AWS: VPC, EKS, S3, EC2, IAM, Lambda, TransitGateway, VPN, Direct Connect, DynamoDB, RDS...
AZURE: vNet, CosmosDB, Eventhub, Servicebus, Function App, SQL Server/Database, DNS Resolver...

Operating System

Linux, Windows

PROFESSIONAL EXPERIENCE

PLAYSTUDIOS (GAMING)

02/2022 - Present



DEVOPS CLOUD PLATFORM ENGINEER

Handle all DevOps, Platform field solution for casino mobile game with millions users. Building platform for game system, development team

- Build CI/CD workflow for improve productivity of development team
- Build Hybrid Cloud System for hosting game product and many microservices rely on AKS, EKS and VM (Windows and Linux)
- Build Performance Testing Platform for Dev/QA team

Kubernetes, Azure, AWS, Linux, Windows
Go, JavaScript, Node.js, Groovy, CosmosDB, Azure Function, AKS, EKS, VPC, vNet, Windows Server, Linux Server



TECHCOMBANK (1st Technology

CLOUD PLATFORM ENGINEER

Bank in Vietnam)
01/2021 - 01/2022

**VTI CLOUD (ADVANCE
PARTNER AWS)**

01/2020 - 01/2021

**KDDI VIETNAM Coporation
co.ltd. (Telco)**

11/2016 - 12/2019

**GONTA INFORMATICS COMPANY
LTD.,**

Aug 2015 - Oct 2016

Build AWS Landing Zone Architecture for Banking System, migrated many customer facing application, in-house application from onpremis to cloud.

- Build AWS Landing Zone following best practice and get involve at design networking, security solution phase
- Migrate critical customer facing application to AWS following re-host, re-platform Terraform, Python, Lambda, EKS, EC2, AutoScaling, EventBridge, SSM - Automation Document, Active Directory, VPC, TransitGateway, S3, CodeBuild, CodePipeline ...

SOLUTION ARCHITECTURE

- Design AWS Cloud Architecture as well architecture
- Implementation AWS Service such as EC2, EKS, S3, VPC by using infrastructure as code tool such as Terraform or CloudFormation, Ansible for automate task deploy.
- Implemented DMS, CloudEndure for migrating on-premis system to AWS Cloud.
- Understanding and familiar with Security group, AWS Config, Cloud Trail, CloudWatch Log Insight, Athena to prevent risk of security.
- Understanding and familiar with AWS Lambda (Python), bash, shell script for automate require task.
- Understanding and familiar with infrastructure as code tool such as Terraform. Created then document, re-use when needed.
- Understanding AWS Landing Zone, setup share service account, AWS ManagedAD for SingleSignOn.
- Setup monitor stack such as Grafana & Prometheus ELK/EFK
- MSB: design, build microservice system using EKS, logging system using EFK. Team: 6. Time: 6 months.
- PSV: Migration On-premis system to AWS using CloudEndure, AWS DMS. Handover, document. Team: 6. Time: 2 month.
- HVN: Managed AWS Services, IAM user, roles, polices, AWS EC2, S3, VPC, RDS Aurora. Manage middleware installation task such as Apache, NGINX, scripting... . Managed Log, Monitoring by CloudWatch Dashboard, Log Group, Athena. Team 20. Time: Continuously.
- SCSC: Setup Windows System on AWS and Oracle RDS by Terraform. Setup ActiveDirectory. Team: 3. Time: 1 month.

SYSTEM ENGINEER

- Design solution, deployment & documentation Network and System
- Strongly communicate with customer (Japan is mainly) to get requirement for Infrastructure system.
- Cooperate with Front Sale team and Back Sales team implement project.
- Project Details:
 - + Design network / server system and other things relate infrastructure to customer such as medium to enterprise office & factory.
 - + Implement & researching networking VPN, Proxy, Security base on policy, Virtualization system such as VDI Hyper-V, VMware, Backup solution and others IT technology base on customer's requirement.
 - + Handover / monitoring with final report document to customer, training if needed.
- Provide service desk at customer site.
- Amazon Web Service - Solution Architect researching by myself

IT SECURITY

- Setup, maintain network with Firewall, Server. (ASA, Juniper, Fortinet ...).
- Maintain inventory of all technology devices.
- Troubleshoot and resolve technical problems or issues related to computer software and systems, internet access, hardware and peripheral equipment.

CERTIFICATIONS

2023

AWS certified Security - Specialty

2022

AWS certified Developer - Associate

2021

AWS certified solutions architect -
Professional

2020

AWS certified solutions architect -
Associate

2013

CCNA

EDUCATION

June 2017 - Aug 2018

AMAZON_WEB_SERVICE

Udemy

JAN 2018 - MAY 2018

VMWARE CERTIFIED ASSOCIATE 6.5

ROBUSTA

Design & Implementation Virtualization
System

Jan 2013 - Jul 2013

**CISCO CERTIFIED NETWORK
ASSOCIATE**

BKACAD

Routing & Switching

Oct 2009 - June 2013

MAJOR: TELECOMUNICATION

Hanoi_Open_University

Electric and Telecommunication

BLOG - YOUTUBE

<https://vntechies.dev>

<https://www.youtube.com/@vntechies>

HONORS & AWARDS

2021

Best of VTI CLOUD

2022

Rising Star at Playstudios Asia

VIETNAMESE PEOPLE'S ARMY

Jan 2014 - July 2015