

# NGUYỄN QUANG HÀ

DEVOPS ENGINEER



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Ha Noi



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## About Me

Highly motivated DevOps engineer with more than 3 years of experience. Designing and implementing systems with thousands to millions of users. Proficient in multiple DevOps tools and techniques, knowledgeable in solution architecting and system operating. Proven ability in collaborating with diverse teams, problem solving and managing successful DevOps initiatives.

## Education

### Electric Power University - VN

Sep 2018 - Jul 2022

Bachelor's degree, Computer and Software Technology

## Experience

### DevOps Engineer

Apr 2023 - Now

Design and implement solution for customers on AWS. We experienced in:

- Terraform: For provisioning and managing infrastructure
- Kubernetes: For deploying and managing workload
- EKS, ECS: For containerize software and service
- Prometheus, Grafana: Logging and Monitoring system
- Github, ArgoCD: For CI/CD and GitOps
- Python, Bash: For scripting and automating task

### Site Reliability Engineer

Jun 2021 - March 2023

I worked as SR Engineer a DeustchLand project, I joined their Agile team, my main responsible is provisioning the infrastructure components in Google Cloud Platform and configuring services, applications. We also set up automate backup and upgrade process for VM, Vault, Github, Storage, Kubernetes Cluster. All the processes have been automated using advanced automation tools like Terraform, Ansible, Jira.

Technologies: Terraform, Ansible, Kubernetes, Docker, Jenkins, Google Cloud Platform, Vault, Veeam.

### JavaScript Internship

Oct 2020 - Nov 2020

I work as an intern JavaScript Developer, I have chance to work with the company ERP system, my main job is to maintain and develop the system. Backend was written in NodeJS and connect to MongoDB, and Frontend was written in Angular.

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# Project

## **Video Management System - US (Jul 2024 - )**

Cloud Engineer/DevOps Engineer

Work as Cloud Engineer/DevOps Engineer in the team, I designed and provisioned multi-region environments on AWS. Helping Developer team keep their code clean and delivery swiftly with CI/CD pipelines. Integrating monitoring to the system for better insight using New Relic.

Technologies used: AWS, Github Action, Nx monorepo, Typescript, Terragrunt, New Relic

## **Bank's App Engine PoC - VN (Apr 2024 - Apr 2024)**

DevOps Engineer

Working alongside with Data team, our main focus to build an App Engine for customer to handle both realtime and batch process, expose low-latency API for realtime queries, store batch report in storage for later retrieval. The solution aim to run entirely on AWS, using various AWS tools (Glue, MSK, S3, RDS, Step Functions, CW,...) and some OpenSource tools

My main responsibilities were setting up infrastructure and environment, streamline data for MSK to destination using Kafka connect, setting up OpenMetadata for data governance, building Grafana dashboard and aggregating logs for centralize monitoring, setting ci/cd pipeline for automated deployment

Technologies used: AWS, Kafka, Kafka Connect, Python, Postgres, Grafana

## **Skill Marketplace - AU (Oct 2023 - Dec 2023)**

Cloud Engineer/DevOps Engineer

Work as Cloud Engineer in the team, I designed and provisioned the infrastructure for multi-environment project. Helping Developer team to delivery faster by designing and implementing CI/CD pipelines. I also helped to setup monitoring system to get better insight.

Technologies used: AWS, Github Action, Nx monorepo, Typescript, Terraform

## **AI EdTech Platform - VN (Jun 2023 - Oct 2023)**

Cloud Engineer/DevOps Engineer

Work as Cloud Engineer in the team, I designed and provisioned the infrastructure for thousands of students. Ensure the system is running on high availability, fault tolerance and able to auto scale out and in to serve the traffic at any moment. Configure Grafana and Prometheus stack to easily tracking the system.

Technologies used: AWS, Terraform, Kubernetes, Solr, Grafana, Prometheus

## Study Aboard Insurance CRM - VN (Jul 2023 - )

Cloud Engineer/DevOps Engineer

Annalink is a global company focus on providing study aboard services like health insurance, homestay,... I take part in guiding them to implement AWS best practices and spread the DevOps culture among the teams. Alongside with training, I also help them handle the issues occurred in the system

Technologies used: AWS, Github Action, PHP, Laravel, Nginx, Linux, Wordpress

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## Licenses & Certifications

AWS Certified Data Engineer - Associate

Linux Foundation Certified System Administrator (LFCS)

Certified Kubernetes Administrator(CKA)

AWS Certified DevOps Engineer - Professional

AWS Certified Solution Architect - Associate

Hashicorp Certified - Terraform Associate

Google Cloud Certified Solution Professional Cloud Architect

Google Cloud Certified Associate Engineer