QUANG NGUYEN

DevOps Engineer
Ho Chi Minh, Vietnam

PROFILE

Throughout 8+ years working on both bare-metal/virtualization infrastructure and public cloud providers (AWS, Google Cloud, Digital Ocean....), I have helped my clients achieve the following:

- 80% reduction in lead time for changes (the length of time between when a code change is committed to the trunk branch and when it is in a deployable state)
- 75% reduction in change failure rate (the percentage of code changes that require hot fixes or other remediation after production)
- 75% increase in deployment frequency (how often new code is deployed into production)
- 65% reduction in mean time to recovery (how long it takes to recover from a partial service interruption or total failure)

I improved these DevOps critical metrics by:

- Optimizing test automation, trunk-based development, and working in small batches
- Consciously tracking and reporting on change failure rates
- Implementing an automated deployment pipeline that incorporates automated testing and feedback mechanisms
- Continuously monitoring system health and alerting operations staff in the event of a failure
- Equipping operations staff with the necessary processes, tools, and permissions to resolve incidents

My deep expertise spans over an array of DevOps tools has enabled me to deliver value to my clients:

- Automation: Jenkins, Fastlane
- CI/CD Pipeline: CircleCI, GitlabCI, Nexus, Jfrog
- Version Control: Git, GitHub
- Configuration Management: Kubernetes, Ansible, Terraform
- Testing: HockeyApp
- Monitoring: Prometheus, ELK, Datadog, Grafana
- Code quality and security: SonarQube, Checkpoint, Vault
- Distributed streaming: Kafka, Zookeeper

EMPLOYMENT HISTORY

Senior DevOps Engineer, Katalon [katalon.com], Ho Chi Minh
JUNE 2016 — PRESENT

Katalon Studio is an automation testing software tool developed by Katalon, Inc. The software is built on top of the open-source automation frameworks Selenium, Appium with a specialized IDE interface for web, API, mobile and desktop application testing

Senior DevOps/SysOps Engineer, GHN Express, Ho Chi MInh
JANUARY 2014 — MAY 2021

GHN Express is top 3 last-mile delivery service provider that provides logistics and commerce services for merchants in Vietnam.

In charge of overall infrastructure using Kubernetes, Docker over Google Cloud Engine

EDUCATION

Computer Network & Communication, University of Information Technology, Vietnam National University

OCTOBER 2009 — JUNE 2014

LINKS

Upwork Profile

CERTIFICATIONS

CKA: Certified Kubernetes Administrator, [cncf.io/certification/cka]

DECEMBER 2021 — DECEMBER 2024

View Badge