



Quan Phuong

DevOps Trainer

Summary

5 years with Linux and system design. Member of Docker-Hanoi, and AWS-Vietnam. Interested in Linux, Unix, Elastic-stack, Apachestack, Docker, Hashi stack, AWS, Google Cloud, Serverless technology...

EXPERIENCE

MAR 2017 - PRESENT

Vccorp - Vcloud

Container as a Service R&D

- Design and develop Container as a Service on Openstack, base on Kubernetes and
- Develop Auto Devops workflow for developer team.

NOV 2015 - PRESENT

TOPICA EDTECH GROUP

System Deployment

- Design and deploy a Hybrid system, and automation workflow, auto scaling system with DigitalOcean, Cloud Computing, AWS Public Cloud, AWS SaaS - Build server, platform for Ruby on Rails Application
- Make plan for system building, application deployment
- Deploy provisioning system, CI - CD workflow with Gitlab

Operations

- Work as an Architect Solution of TOPICA EDTECH GROUP
- Do system maintenance
- Collect logs and fix bugs. Or add issues, give it to developers
- Make the system HA and scalable

Skills and Experience

- Familiar with AWS IaaS and SaaS, Kubernetes on AWS Cloud
- Good at Ruby on Rails, and Ruby on Rails apps
- Professional at Git, Gitlab, Git workflow, CI - CD with Gitlab-CI*
- Knowhow with system design patterns like: Service discovery (ETCD, Consul, Zookeeper...), Message Queue, pubsub, message notification...
- Experience with Agile workflow, framework Scrum
- Know-how about Microservice, Nanoservice, and something about Serverless or FaaS (Function as a Service) system.
- Familiar with DevOps, SysOps, HumanOps..
- Expert with Cloudflare features

MAR 2015 - SEP 2015

DATAPOOL.VN

System Deployment

- Deployed a private cloud with VMWare Ecosystem, Vmware Automation
- Did Network-control with Firewall OpenSource Project (A private project of my team, written with Bash. It implement firewall, ACLs, VPN, Proxy, network controller with layer 2, 3, 7... Base on iptables)
- OpenHost project (A private project, written with PHP and Bash. It is a PHP-hosting controller, implement features of cPanel)

System Operation

- Did system maintenance with maintaining infrastructure, maintaining switch and firewall
- Collected logs, and maintain VMWare-cluster

Achievements and skills gained:

- Expert at Linux skills, Bash scripting, known about IPTables, VPN, Proxy, LDAP.. on Linux
- Professional at VMWare, and VMWare-automation
- Professional at HA system, Clustering, Replication, Load balancing (Both TCP/UDP and HTTP load balance)
- Familiar with PHP programing language

APR 2014 - JAN 2015

MOTEK.VN

System Deployment

- Deployed an automate system with VMWare
- Deployed a private cloud with VMWare Ecosystem
- Make plan for WebApps, architecture design with PHP WebApps
- Make plan for team with building private CMS with PHP

System Operation

- Did system maintenance with maintaining infrastructure, maintaining switch and firewall

- Collected logs, and maintain VMWare-cluster

Experience and skills

- Familiar with PHP programming language
- Some skills in teamwork, and team manager
- Communication and Presentation skills

NOV 2011 - APR 2014

FTECH.VN

System Deployment

- Deployed an automate system with VMWare
- Deployed a private cloud with VMWare Ecosystem
- Setup VMWare ESXi, Centos, Ubuntu, Fedora, Redhat... on Server - Setup PHP Shared Hosting Server with cPanel/WHM, Directadmin...
- Used Cisco SSP 40 Firewall, and some switch with layer 2, 3 to control network
- Did technical supporter
- Setup webserver on Linux with: nginx, apache, litespeed, lighttpd...

System Operation

- Did system maintenance with maintaining infrastructure, maintaining switch and firewall
- Collected logs, and maintain VMWare-cluster
- Did cPanel, Directadmin maintenance ...

Achievements and skills gained:

- Familiar with Bash
- Familiar with Linux, Centos, Ubuntu, Redhat OS, Cloudlinux...
- Familiar with webserver software: nginx, apache, litespeed, lighttpd...
- Familiar with virtualization software: Vmware, KVM, Xen - Familiar with loadbalancing with nginx and HA-proxy
- Familiar with NFS, Samba, SQUID proxy, OpenVPN....

EXTRA ACTIVITIES

DOCKER-HANOI

- Join Docker-HaNoi team - an official Docker team in Vietnam
- Share experience of Docker skills and Docker Ecosystem Knowledge
- Be speaker in Container Day 2016 and some events after that

AWS VIETNAM

- Share and learn experience of AWS IaaS skills, knowledge about AWS SaaS, AWS Ecosystem
- Going to be speaker of AWS Vietnam meetup on Sep 2016

ROAD MAP

- Become Cloud DevOps
- Being contributor of some Cloud Projects of Linux Foundation,