Nguyen Huu Tan

Ho Chi Minh, Vietnam

📞 +84356157794 ✉ tanhuu244@gmail.com

EDUCATION

Cao Thang Technical colleges

Electronic engineer communications technology

Athena Education

Cisco Certified Network Administration - CCNA
Linux Network Administration Certificate - LPI

Nhat Nghe Education

VMware vSphere: Install, Configure, Manage [V5.5]
Certificate Ethical Hacker
Linux Advance

PyFML

Python programming

WORK EXPERIENCE

One Mount Group   Oct 2020 - Now

Senior Site Reliability Engineer

- Lead squad team Istio mesh organization.
- Design deployment models Istio mesh, build automated processes and tools for managing Istio mesh, integrating services into Istio mesh.
- Experience with Google Cloud Platform (GCP)
- Familiar with Kubernetes arch and component, have good experience in large-scale cluster operation and maintenance
- Experience with Docker runtime, Linux kernel
- Service proxy: Nginx, Kong
- Devops tool: gitlab-ci, helm, terraform, monitoring tools.
- Working with many different development teams: Java, Golang, React...
- Support dev on the deployment with CI/CD.
- Contribute ideas about system architecture at scale, optimize saving cost resource.
- Team working, analytical mind, be optimistic, willing to accept challenges and quick response against incidents.
- Explore new technology trends, continuously improve current workflows for a more flexible, stable and scalable system.
- Scripting: Python, bash shell.

VNG-ZaloPay   Jul 2018 -   Jul 2020

Site Reliability Engineer

- Owner and mantain 100+ services deployment on baremetal, and k8s orchestration.
- Working cross multi domain pattern team.
- Re-architecting system infrastructure and build DevOps processes
- Build k8s full stack: K8s cluster, Observability and Analysis, Service proxy, CI/CD, Servicemesh.
- Init k8s cluster with rke on bare metal.
- Observability: with K8s using prometheus operator, grafana, prometheus TSDB for metric infrastructure andmetric application, analytics grafana tools, prometheus alert manager, splunk logging, alert notificationwebhook channels, tracing using Jaeger.
- Service proxy: Nginx, Traefik, Haproxy.
- Service mesh K8s using Istio.
- CI/CD: GitOps, Docker multi stage, Declarative pipeline script, write helm common template for all serviceuse k8s, graceful shutdown application, CD with spinnaker.
- Working knowledge of both scripting languages (Bash) and high level programming languages (Python)
- Configuration management tools: Ansible.
- Streaming & Messaging: Kafka cluster, Activemq.

- Database: MariaDB, MySQL, Cassandra, Scylla, Redis cluster persistency, DynomiteDB.- Intergrate Key/Value DB consul exist cluster kubernetes: using for dynamic configuration biz and operator.
- Caching: Redis cluster.
- Working with many different development teams: Java, Golang, React...
- Contribute ideas about system architecture at scale
- Design and operate the build & release, configuration management, code deployments to multiple environments
- Understand distributed system, CAP theory.
- Understanding of web services, web application development, Restful, GRPC, HTTP/HTTP2 protocol
- Experience conducting systematic troubleshooting of issues.
- Proactively research CNCF stack and learn new technologies.

FPT Software   Jan 2018 - Jun 2018

DevOps

- Linux system administrator: CentOS, Ubuntu
- Cloud platform: AWS, Openstack.
- Infrastructure as code AWS with Terraform, Openstack Terraform.
- Build images templates with Packer.
- Sciprting: bash script, python.
- Configuration management tools: Ansible.

Sutrix Solution   May 2017 - Sep 2017

DevOps

- Linux system administrator: CentOS, Ubuntu
- Docker container management platform: RancherOS.
- Web application: Jboss Webserver, Apache Tomcat, Apache Proxy, Nginx, IIS
- Environments deploy system programing : .Net, C++, Java, Nodejs
- Web platform CMS: Sitecore, Opencms, Wordpress
- Database: Mysql, MSSQL, Mogodb.

vHost   Aug 2016 - Apr 2017

Cloud Engineer

- Linux system administrator: CentOS, Ubuntu
- Administration over than 50 server mixed physical/virtualization.
- Hardware Datacenter: Server, Disk, Switch, Router.
- Network L2/L3: Vlan, Trunking, Switching, Routing, BGP, IPv4/IPv6, Networkopensource: bridge, ovs. sdn
- Experience working with open source cloud computing platforms: OnApp Cloud platform (KVM,),Virtualizor(KVM. OPENVZ), Virtuozzo Cloud Platform. Virtual Private Cloud, Vmware, Hyper-V, Storage, Virtualnetwork.
- Mitigation DDOS , Protection (system, network)
- Storage: StorPool comerical, Storage Space Direct, LVM, NFS, GlusterFs
- Monitoring tools: Intergrated collectd, Graphite, Grafana, ELK logging and monitoring, Zabbix
- Scripting: Python, bash shell.
- Automation CM Tool: Ansible.

Minh Phuc Co., Ltd (MP Telecom)   July 2014 - 2016

System Admin

- Deployment, configuration, management L2/L3 network, firewall
- Research design and deploy, scale open source Voip: opensips, asterisk,rtpproxy, rtpenginee
- Design network, deploy and configuration HA of Cisco network.
- Deployment, configuration and management of VMware vSphere 5.5 private cloud.
- Working mixed physical/virtual environment.
- Deployment, configuration, management storage: Glusterfs.
- Working with system monitor: Cacti, graphite, nagios.
- A working understanding of code and scripts(Python)
- Deploy, configuration cluster system HA, loadblancing: tomcat, apache, mysql, nginx
- Proactive research open source solutions.
- Proposed solutions to the manager.
- Works well in group activities or independently.