Thach Nguyen

DevOps

Vietnam

Experience

Lixibox
Senior DevOps
March 2022 - Present (3 years 1 month)
Ho Chi Minh City, Vietnam

- Migrating LXB ecosystem from EngineYard to AWS

- Setting up micro-service on GKE, ECS

- Using Code Pipeline, Jenkins, and ArgoCD for CICD

- Optimize resources for high performance and cost savings

- Setting up master-slave for MySQL

- Setting up Grafana, Nagios for monitoring

- Using AWS CloudWatch Logs to analyze application and system logs to
identify and troubleshoot issues

- Creating and managing security rules for network traffic.

- Setting up and maintaining CI/CD pipelines using AWS CodePipeline,
CodeBuild.

- Integrate WAF with ALB AWS services to prevent bad bot

LINKBYNET
Cloud Engineer
June 2021 - March 2022 (10 months)
Ho Chi Minh City, Vietnam

- Building Openwhisk system on EKS.

- Migrating services, VMs to AWS, Aliyun cloud.

- Deploy Iaas, Paas via Terraform on AWS, Azure

VietnamWorks
Senior System Engineer
April 2017 - June 2021 (4 years 3 months)
Vietnam

- Building High Availability, Failover Infrastructure for web server.

- Applying Machine Learning - PredictionIO - for Vietnamworks, topITworks
sites.

- Applying page speed, cache for Vietnamworks site.

- Building cluster Hadoop, Elasticsearch, Spark, Hbase for PredictionIO.

- Installing, configuration Jenkins, GitLab, Ansible, Selenium for CI/CD.
- Writing docker file, docker-compose for the webserver, microservices.
- Knowledge of RKE, AWS

VNG Corporation
Senior System Engineer
June 2015 - April 2017 (1 year 11 months)
Vietnam

Building High Availability, Failover Infrastructure for web server.

Installing, configuration Nginx, PHP, Mysql, Redis…for Idlogin

Building Scribe log, Kyoto Cabinet for web API.

Deployment multi game server with Fabric

Scripts backup log, mail reporting, automation…with Bash/Python

Configuration idlogin system integration with Zingme, 360Game, launcher…

Management Game servers Online: Tân Thiên Long, Tây Du Truyền Kỳ, Bách Chiến Vô Song.

Backup log, Mysql to log server center

Parse log, reporting to Audit team.

MeCorp
System Engineer
October 2012 - June 2015 (2 years 9 months)

Building High Availability Infrastructure for web server.

Building caching reverse proxy for web server.

Config PRTG, Opsview, Cacti.. for system monitor.

Manage Game server Online

Backup & restore System.

Installing RabbitMQ, Couchbase for caching.

Managing infrastructure servers VPS, ESXi, HP Cloud…

Building Farm Multi-host Website using Nginx, php-fpm, LVS..

Building Mail Gateway, Mail relay, Mail Alert Servers with VirusScanner, Spam Scanner.

Performance testing database: Mongo, Percona, Mysql-community, MariaDB.

Building git system for web server

Building Ansible system for game server online

Building High Availability, Failover Infrastructure for web server.

Building caching reverse proxy for web server

Programing Automation Tools: Autosigned Tools, Backup Tools

System configuration and optimization (Server) and building system structure for most effective system performance.

Analyzing, evaluating and designing system for maximum load capacity and highest access speed.

Introduce new technologies, solutions, and alternatives to support changing business and operational needs.

FTP Online
System Engineer
May 2011 - October 2012 (1 year 6 months)

Installing and monitoring LAN/WAN system in Windows Server 2008, Linux, services DNS, FTP, DHCP, Firewall…

Fixing damages, taking care of IT devices: Computers, Printers, Scan Machines, Projectors, Cameras, Access Control…

Manage Five Hero game.

Manage Develop & Online Server

Research Redis, MySQL Cluster, Couchbase Cluster, Rsync realtime, Gluster, Lustre…on Centos

Backup & restore System.

High Availability Clustering Open Source Software

Researching and updating Network services.

Troubleshooting different types of Operating Systems: MacOS, CentOS Window XP, Window 7

Deploying Mysql replication.

Building VMWare Vsphere 5.0, Vcenter Managing

Researching and updating Network services.

Supporting 700 users, 15 IBM servers

Troubleshooting day-to-day customer issues and provide direct support to clients by phone, Email, and Teamviewer tools.

Backing up File Server, Share Permission.

Managing Vcenter, Vclient, VMWareESXi.

Researching and updating Network services.

Checking and adjusting technical features and IT products

Resembling, installing Operation system, driver, softwares

Supporting and giving advices to customers in using IT devices.

Education

Ho Chi Minh city University of Industry
Computer Science