Tran Sy H.
Senior DevOps Engineer

Professional summary

Tran is a certified GCP, AWS and Azure engineer with over 15 years of experience in IT sector. He is a forward-looking DevOps specialist with a strong Linux background and vast experience in designing, implementing, and managing cutting-edge deployment automation of cloud resources. Tran is a reliable and motivated engineer who is keeping up-to-date with the latest technologies.

Education	Hanoi University of Science and Technology Bachelor of Science: Electronics & Telecommunications
Skills	Python, Shell Django, Flask AWS, GCP, Azure Gitlab CI, Jenkins Docker, Docker Compose, Helm Terraform, Pulumi Kubernetes: GKE,EKS,RKE MySQL, PostgreSQL, Oracle, MS SQL, Cassandra Splunk, ELK, Grafana, Prometheus Datadog, Nagios CheckMK Kafka MS Windows Server, Linux, Unix GitHub, Bitbucket Gitlab, SVN Agile

Licenses & certifications

May 2019 – Jul 2021	**Google Cloud Professional Cloud Developer** **Google Cloud Professional Cloud Architect** **Google Cloud Professional Cloud Engineer** **Google Cloud Associate Cloud Engineer** Provider: Google Cloud, Minnesota
Dec 2020 – Oct 2023	**Microsoft Certified: Azure Network Engineer Associate** **Microsoft Certified: Azure Security Engineer Associate** **Microsoft Certified: Azure Administrator Associate** **Microsoft Certified: Azure Solutions Architect Expert** Provider: Microsoft
Jan 2019 – Mar 2022	**AWS Certified Developer – Associate** **AWS Certified Solutions Architect – Associate** Provider: Amazon Web Services
Apr 2020 – Dec 2023	**CKS: Certified Kubernetes Security Specialist** **CKA: Certified Kubernetes Administrator** **CKAD: Certified Kubernetes Application Developer** Provider: The Linux Foundation

Project	**Axon**
	Public Safety
Period	Apr 2020 – till now
Role	DevOps Engineer
Technologies	Azure, Terraform, Terragrunt, Puppet, Ansible, Salt Stack, Kubernetes, TeamCity, Jenkins, Github Action, Prometheus, Cortex, Grafana, MSSQL, MySQL, Cassandra, Kafka, Python

Responsibilities

- Developed and integrated solutions for automatic performance monitoring and scaling;
- Delivered high security standards, following industry standards and government regulations around the globe;
- Implemented strategies to maintain and grow company's services and infrastructure using modern technologies such as time-series databases, searchable log metrics, cross-call tracing, etc.;
- Built simplicity to deploy complex environments across the globe with a zero-downtime, continuous deployment platform;
- Consulted with the engineering teams to deliver services which are flexible, resilient, and a joy to operate;
- Mentored others DevOps engineers to learn, grow, and maintain high standards within the organization.

Project	**Wizeline**
	Multiple Software Projects
Period	Nov 2018 – Apr 2020
Role	DevOps Engineer
Technologies	GKE, Cloud SQL, AppEngine, Terraform, Bitbucket Pipeline, Jenkins, Helm, Stackdriver

Responsibilities

- Was in charge of a Server Infrastructure;
- Helped other teams to automate the application lifecycle, built, tested, staged and deployed;
- Encouraged the use of best practices among the company;
- Wrote and implemented tools to improve the delivery of applications;
- Worked with the engineering team and take architectural decisions;
- Identified, solved and prevented performance issues of many levels, IP Stack, application and operating system.

Project	**ELCA Informatique SA Vietnam**
	Multiple Software Projects
Period	Mar 2018 – Nov 2018
Role	DevOps Engineer
Technologies	AWS, Terraform, Puppet, Ansible, Jenkins, CheckMK

Responsibilities

- Deployed, automated, maintained and managed production system to ensure availability, performance, scalability and security;
- Built, released and configurated management of production systems;
- System troubleshooting and problem solving across platform and application domains;
- Suggested architecture improvements, recommended process improvements.

Project	**International Lottery & Totalizator Systems, Inc**
	Multiple Software Projects
Period	Mar 2017 – Mar 2018
Role	Senior System Administrator
Technologies	AWS, Linux, Terraform, Shell

Responsibilities

- Oversaw and managed all of the office support systems deployed in HCMC office;
- Set up virtual machines for both development, production and QA purposes and worked with the staff on interoperability issues to facilitate a more seamless connection between the offices;
- Monitored systems in production for any health, performance and capacity issues and took corrective actions as required;
- Generated reports as required and documenting processes, procedures and systems.

Project	**TeamWork Corporate**
	Multiple Software Projects
Period	Nov 2014 – Mar 2017
Role	Senior System Administrator
Technologies	Linux, Azure, Ansible, Shell

Responsibilities

- Performed daily check of customer IT Infrastructure including server hardware, application, database, backup tool, monitoring;
- Troubleshot and resolved all the related incidents/problems;
- Handled customer's changes & requests.

Project	Swiss Post Solutions Vietnam Ltd.
	Document management
Period	Nov 2010 – Nov 2014
Role	Network Operations Center Leader
Technologies	AWS, Linux, Grafana, Shell

Responsibilities

- Ensured smooth and uninterrupted operation of all infrastructure components throughout the entire company;
- Conducted research and gave recommendations to improve automated processes for system administration tasks;
- Performed daily audit on all systems, frameworks, hardware and server resources;
- Reviewed server and application logs.

Project	**FPT Information System Com., LTD**
	Multiple Software Projects
Period	Jul 2007 – Nov 2010
Role	System Engineer Consultant
Technologies	Linux, MySQL, Grafana

Responsibilities

- Prepared bidding documents, including bill of materials, bidding technical part, statement of compliance;
- Prepared high level design, low level design and implemented infrastructure system;
- Performed daily system maintenance;
- Managed and troubleshot problems in Linux platform.