Mark Christian B. Taguiad

1008, Manila, National Capital Region, Philippines

[marktaguiad@tagsdev.](mailto:marktaguiad@tagsdev.click)xyz +639770173274

[linkedin.com/in/mark-christian-](https://www.linkedin.com/in/mark-christian-taguiad)taguiad [https://tagsdev.x](https://mark.tagsdev.click/)yz

# Skills

• Kubernetes • Containerization/Docker • Linux System Administration • Git

• Amazon Web Services (AWS) • Network Administration • Python • SQL • Ansible

• Continuous Integration and Continuous Delivery (CI/CD) • Proactive Monitoring • Infrastructure as code (IaC)

# Experience

**DevOps Engineer**

Samsung R&D Institute Philippines (SRPH)

October 2023 - Present

* Active monitoring using Prometheus-Grafana Stack.
* Develop, coordinate and administrate Kubernetes infrastructure.
* Creating CI pipeline for integration, build, vulnerability scan, code quality scan and unit test.
* Create and monitor Kubernetes manifest in CD pipeline (ArgoCD).
* Migration of in-house application (Java-Maven/Gradle) to Docker/Container and Kubernetes.
* Develop API server (python-flask) for testing API endpoint.
* Troubleshooting production environment issues/bugs.
* Creating PoC on new technology related to container and container orchestration.
* Creating alarm and jobs; monitoring in Prometheus and Alertmanager.
* Manage and create Virtual Machine in Openstack.
* Building/creating RPM and QCOW2 images.
* Jira ticket resolution for customer production issues.
* Linux system administration.
* Bash/Python scripting.

 **DevOps Engineer**

Quick Suite Trading

March 2023 - October 2023 (6 months)

* Active monitoring using Prometheus-Grafana Stack.
* Develop custom prometheus exporter to monitor database (MariaDB) instances.
* Develop, coordinate and administrate K8s infrastructure.
* Automate deployments (ansible, Gitlab CI), infrastructure as code (helm).
* Assist developers in building and deploying their software to infrastructure (K8S, Docker, Podman).
* Deploy updates and fixes, and provide Level 2 technical support.
* Build tools to reduce occurrence of errors and improve customer experience.
* Installing, configuring, securing, troubleshooting and maintaining UNIX-like operating systems.
* Administer and maintain end user accounts, permissions, and access rights.

 **System Engineer**

Amkor Technology, Inc.

Nov 2021 – March 2023 (1 year 5 months)

* Develop, coordinate and administrate Kubernetes infrastructure.
* Spearheaded the development of CI/CD pipeline of all in-house/opensource projects.
* Developed, build docker image of ProcessMaker, and deployed in production environment.
* Setup development and production environment (Docker) for the developer team.
* Setup, configured, and maintained Zabbix infrastructure monitoring tool (containerized) on multiple sites.
* Automate Zabbix (agent deployment, housekeeping) task using ansible automation.
* Created scripts (Perl – Zabbix Compatible) for monitoring Software AG webMethods.
* Migrated GoAnywhere MFT running on Windows Server to run on a Linux Server (Oracle Linux 8).
* Deployed, configured, and maintained GoAnywhere MFT (SFTP/FTP) and GoAnywhere Gateway (DMZ) on multiple sites.
* Deployed, configured, and maintained Tibco Spotfire running alongside Apache NIFI on multiple sites.
* Setup, configured, and maintained Redhat JBOSS in development and production environment.
* Performed standard administration task such as OS installation, troubleshooting, problem resolution, package installation, software upgrade and system hardening.
* Automate most of the basic task such as system hardening, backup, housekeeping.
* Performed troubleshooting, incident management and resolve day to day problem raised by users and customer.

**Network Operations Center Engineer** Amkor Technology, Inc.

Jul 2021 - Nov 2021 (5 months)

* Responsible for proactively monitoring server using such tools as Zabbix, Hobbit Xymon, PRTG and Jennifer APM.
* Responsible for proactively monitoring network devices using SolarWinds.
* IBM Application System/400; resources, error message and data integrity monitoring.
* Initiating and resolving incident tickets.
* Manage daily and weekly database backup.
* Generate weekly availability reports of servers and network devices.

# Education

 **Mapúa University**

Bachelor of Science, Electronics Engineering

2012 - 2019

**Cisco Networking Academy**

Routing and Switching; Security

# Licenses & Certifications

**Cisco Certified Network Associate (CCNA)** - Cisco

Issued June 2021 - Expires June 2024

CSCO14020527