Mark Christian B. Taguiad

1008, Manila, National Capital Region, Philippines

✉ marktaguiad@marktaguiad.dev   📞 +639770173274

in linkedin.com/in/mark-christian-taguiad   🔗 https://marktaguiad.dev

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 • Terraform
- Infrastructure as code (IaC)

Experience

DevOps Engineer
Samsung R&D Institute Philippines (SRPH)
October 2023 – October 2024

- Active monitoring using Prometheus-Grafana Stack.
- Develop, coordinate and administrate Kubernetes infrastructure.
- Created CI pipeline for package build, vulnerability scan and code quality scan.
- Manage and create Virtual Machine in Openstack.
- Building/creating RPM and QCOW2 images.
- VM provision in Proxmox using Terraform/Opentofu.
- Automating server configuration/setup using Ansible.
- Jira ticket resolution for customer production issues.
- Migration of in-house application to Docker/Container and Kubernetes.
- Troubleshooting production environment issues/bugs.
- Creating PoC on new technology related to container orchestration.
- Creating alarm and jobs; monitoring in Prometheus and Alertmanager.
- 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 our 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.

KMC System Engineer

KMC Solutions, 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 basic task such as system hardening, backup, housekeeping.
- Performed troubleshooting, incident management and resolve day to day problem raised by users and customer.

KMC Network Operations Center Engineer

KMC Solutions, 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

Licenses & Certifications

Cisco Certified Network Associate (CCNA) - Cisco

Issued June 2021 - Expires June 2024

CSCO14020527

Electronics Communication Engineer

April 2025