Wai Yan Soe

DevOps Engineer

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SKILLS

- Infrastructure as Code (Terraform)
- Containerization and Orchestration (Docker and Kubernetes)
- CI/CD Pipeline (Jenkins, GitLab CI, AWS Code Pipeline)
- Cloud Computing (Amazon Web Services)
- Programming Knowledge (Python, Bash Shell scripting)
- Database Knowledge (PostgreSQL, MySQL, MongoDB, DynamoDB)
- Virtualization (VMware ESXi, Proxmox)

EDUCATION

Bachelor of Arts
Hinthada University
12/2018 | Hinthada, Myanmar
Postponed since covid-19

LANGUAGES

| Burmese | ● ● ● ● ○ |
| English | ● ● ○ ○ ○ |

WORKING EXPERIENCE

HQS Co.,Ltd | QSlogic ⬈
DevOps Engineer
02/2023 – present | Yangon, Myanmar

- Collaborating with software developers to ensure that development follows established processes and works as planned.
- Containerizing applications (React, Nginx, Spring Boot, Django, Nodejs) and hosting them on cloud (AWS) or on-premises servers.
- Configuring and maintaining databases (PostgreSQL, Mongodb).
- Setting up PostgreSQL for High Availability with Patroni, etcd, and HAProxy.
- Creating Cron jobs and Bash scripts for automatic backup files and databases.
- Monitoring, logging, and alerting using the Elastic Stack.
- Drawing diagrams for system design and infrastructure for the application systems.

ATG Systems Co., Ltd ⬈
Support Engineer
10/2022 – 02/2023 | Yangon, Myanmar

- On-site customer support to ensure smooth operation and optimal performance of infrastructure network and system components.
- Monitored and maintained on-premise infrastructure (Routers and Switches, Servers, Storage and Backup systems, Virtualization, and more).
- Collaborated with engineers and technical teams to promptly identify and report issues for timely resolution.
- Contributed to the development and implementation of network and system enhancements, improving efficiency and effectiveness.
- Assisted in testing and executing infrastructure changes, including hardware and operating system upgrades, configuration changes, and operational improvements.
- Additional responsibilities in End-Users Support, CCTV Systems, Door Access, VOIP, and more with EUS and Infra teams.

INTERESTS

- **AI/ML**
- **DevOps**
- **DevSecOps**
- **Data Engineering**
- **Platform Engineering**

CERTIFICATIONS AND BADGES

- AWS Knowledge: Amazon EKS ⊠
- AWS Learning: Architecting - AWS Skill Builder ⊠
- AWS Cloud Quest: Cloud Practitioner - AWS Skill Builder ⊠
- Linux Foundation Certified System Administrator (LFCS) - KodeKloud ⊠
- LFS169: Introduction to GitOps - The Linux Foundation ⊠
- Prometheus Certified Associate (PCA) - KodeKloud ⊠
- Amazon Elastic Container Service (AWS ECS) - KodeKloud ⊠
- Ansible Advanced Course - KodeKloud ⊠

PERSONAL SKILLS

- Good Communication Skill and can work with team
- Can learn easily and good concentration
- Good problem solving and patient
- Can withstand the stress of work
- Always eager to learn new technology

EXPECTED SALARY

Expected Salary - Negotiable

OTHER HANDS-ON LABS

Other hands-on Labs: I am currently learning more and have general knowledges

- **Terraform IaC Pipeline Configuration in Jenkins**
  Led the configuration of Terraform Infrastructure as Code (IaC) pipelines within Jenkins.
  Implemented automation processes to streamline infrastructure deployment, enhancing efficiency and reliability.
- **Jenkins Pipeline Implementation with Role-based Authorization Strategy and Email Approval Step**
  Developed Jenkins pipelines with advanced security measures using Role-based Authorization Strategy.
  Integrated Email Approval Steps into pipelines to ensure controlled and secure deployment processes.
- **Integration of SonarQube Code Scanning Tool into Jenkins Pipeline**
  Seamlessly integrated SonarQube code scanning tool into Jenkins pipelines to enhance code quality.
  Implemented automated code analysis, enabling early detection and remediation of potential issues.
- **Deployment of Prometheus and Grafana Dashboard on AWS EKS Cluster**
  Orchestrated the deployment of Prometheus for monitoring and Grafana for visualization on AWS Elastic Kubernetes Service (EKS) clusters.
  Configured custom dashboards in Grafana to provide real-time insights into system performance and resource utilization.

- **Kubernetes Challenges - KodeKloud** ⊠
- **Terraform Challenges - KodeKloud** ⊠

- **Continuous Learning Agenda:**
  - Infrastructure as Code (Terraform and Cloud Formation)
  - Ansible
  - ArgoCD
  - Service Mesh (istio and AWS App Mesh)

In addition to these hands-on experiences, I actively contribute to the DevOps community through technical writing on Medium. You can explore my articles on DevOps-related topics here ⊠ (https://medium.com/@wwwaiyan ⊠), where I share insights and best practices garnered from my practical experiences and ongoing learning.