



# THAUNG HTIKE OO

## DevOps | SRE Engineer

## Details

**Name:** Thaung Htike Oo  
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**Date of Birth:** 08/06/1998  
**Address:** South Dagon, Yangon  
**Expected Salary:** 25 to 30 Lakhs  
**Website:** [www.learndevops.com](http://www.learndevops.com)

## Education

**Bachelor of Information Technology (Final Year)**  
University of Information Technology  
2015 to 2020

## Certifications

- Certified Kubernetes Administrator (CKA)
- Terraform Associate
- AWS Solutions Architect Associate
- Azure Fundamentals

## Technical Skills

- Python, Bash Scripting
- Containerization (Docker, Kubernetes)
- CI/CD Pipelines (GitHub Actions, GitLab CI, ArgoCD)
- Infrastructure as Code (Terraform, Ansible)
- Cloud Platforms (AWS, GCP, Azure)
- Linux System Administration
- HashiCorp Tools (Vault, Packer)
- Service Mesh (Istio, Consul)
- Monitoring and Logging (Grafana, Prometheus, Loki)
- VM and Network Resource Management (Azure VMs, NSGs, NICs, Public IPs)
- Microservices Architecture

## SUMMARY

I have five years of experience as a DevOps Lead and DevOps/SRE Engineer, where I have been responsible for managing cloud infrastructure and automating deployment processes. Through my work, I have developed skills in using Kubernetes, CI/CD pipelines, and cloud services like AWS and GCP. I also have experience working with Azure and Terraform for infrastructure-as-code, and migrating monolithic systems to microservices. I have successfully handled large-scale deployments and worked on improving system performance and cloud cost optimization. As a person, I enjoy solving technical problems, always aim to provide high quality in my work, and can work well with teams to meet project goals. Now, I am looking for a new opportunity as a DevOps/SRE Engineer where I can use my experience to contribute to the company and continue growing in my career.

## WORK EXPERIENCE

### DevOps Lead | Maharbawga | November 2024 to Present

- Migrated monolithic applications to microservices architecture to improve scalability and deployment speed.
- Led the migration of complex Azure infrastructure into Terraform using dynamic for\_each patterns for managing VMs, NSGs, NICs, public IPs, and AKS clusters.
- Managed and maintained AKS clusters with multiple node pools, Azure AD authentication, and Azure CNI overlay networking.
- Built reusable Terraform modules to provision Kubernetes infrastructure and cloud components efficiently.
- Implemented CI/CD pipelines for both AKS and VM-based applications using GitHub Actions and ArgoCD for automated deployments.
- Optimized network configurations and NAT gateway associations to improve security and reduce infrastructure costs.
- Refactored legacy infrastructure into modular, declarative Terraform code for version control and standardization.
- Worked closely with developers and data scientists to align infrastructure with application and machine learning requirements.

### Senior DevOps Engineer | Dinger Co., Ltd (Yangon, Myanmar)

#### June 2022 to August 2024

- Managed cloud infrastructure using tools such as EKS, AKS, GitHub Actions, ArgoCD, Grafana, Istio, and Loki.
- Successfully released the MTB Pay wallet in August 2024.
- Designed and implemented cloud infrastructure from ground up, including CI/CD pipelines for deployment on AKS.
- Managed cloud cost optimization and infrastructure performance tuning for efficiency.
- Deployed and maintained Kubernetes clusters using AKS and EKS to manage containerized applications.
- Created and managed GitHub Actions and ArgoCD for automated deployments.
- Monitored and analyzed system performance using Grafana and Prometheus.
- Implemented service mesh (Istio) for better traffic control and security management.

# Strengths

- Strong Problem-Solving Abilities
- Good Communication and Team Work
- Organized with Attention to Detail
- Able to Work Under Pressure
- Hardworking and Self-Motivated

# Languages

- Myanmar – Native / Fluent
- English – Intermediate

## WORK EXPERIENCE

### DevOps Engineer | OpsZero Co. Ltd (Upwork) | December 2021 to June 2022

- Developed Python Django models for improving application performance and functionality.
- Handled container management using Amazon EKS for scaling and deployment.
- Wrote Terraform scripts as code for automating cloud resource provisioning and management.
- Developed CI/CD workflows using GitHub Actions and GitLab CI for deployment processes.
- Developed Bash scripts to automate system tasks and simplify manual processes.
- Used HashiCorp Vault for secure management of sensitive data and Packer for creating machine images.
- Managed infrastructure on AWS with cost-effective scaling and performance improvements.

### SRE Engineer | Frontiir (Myanmar Net) | December 2020 to December 2021

- Developed and managed CI/CD pipelines using GitHub and GitLab to automate application deployments.
- Managed on-premise and cloud-based Kubernetes clusters to support containerized applications.
- Used Bash scripting to automate tasks and for system management.
- Automated infrastructure tasks with Ansible for consistent and fast deployments.
- Used AWS and GCP to manage and support scalable infrastructure for internal services.
- Integrated ArgoCD for GitOps-based continuous delivery, improving deployment speed and accuracy.
- Monitored application health and performance using Grafana and Elasticsearch, and identified and resolved any issues.
- Centralized logging solutions with Loki for log aggregation and analysis across services.