



# Hein Htet Win

DEVOPS ENGINEER

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📍 Yangon, Myanmar

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## Profile

- Experienced DevOps engineer with 3+ years of experience in the Fin-tech and ISP industries.
- Proficient in managing Linux kernel-based servers, Bash Script automation, and have a deep passion for automating infrastructure operations.
- Well-versed with cloud solutions like AWS, Azure, GCP, and others.
- Specialized in creating and transforming legacy-based applications into containers and managing containerized applications using orchestration tools like Kubernetes and OpenShift.
- Implemented several infrastructure monitoring solutions to effectively improve business visibility and cut unnecessary infrastructure costs.
- A young, energetic, and competitive IT professional with a bachelor's degree focused on communication and networking from the University of Information Technology (Yangon).

## Find Me On:

[LinkedIn profile](#) [Portfolio Website](#) [Facebook page](#) [Youtube Channel](#) [Medium Profile](#)

## Employment History

### DevOps Engineer, AYA Innovation Lab

March 2023 — Present

- Collaborate with cross-functional teams to ensure the smooth and efficient delivery of software products.
- Monitor and troubleshoot production systems and applications to ensure optimal performance and availability.
- Developed a Continuous Integration/Continuous Deployment (CI/CD) pipeline that improved system reliability and uptime.
- Efficiently addressed developers' real-time concerns about CICD pipeline corruptions.
- Manage and maintain monitoring and logging systems to detect and diagnose issues in real-time.
- Automated server provisioning and configuration management, resulting in faster deployment and easier maintenance

### System Engineer , Frontiir

May 2022 — February 2023

- Maintained different Operation Support Systems ( OSS ) in a large and up-growing ISP company.
- Implemented accurate and efficient Database Monitoring System for better visibility.
- Supporting web application developers in many ways for deploying their bug fixes in production environment.
- Taking part in the process of migrating legacy application stacks into more of DevOps culture and replacing many manual processes with automation.

- Analyzed and implemented solutions for application performance improvement and high availability.
- Defined application and system-wide metrics and generated alert rules based on system performance for better system visibility and improvement.
- Troubleshooting different system related and network related issues in 3 different environments ( QA, QAC and Production).

### **System Administrator , KBTC University - School of Information & Technology**

January 2021 — February 2022

- Created automation shell scripts to take the place of tedious and time-consuming tasks like generating user accounts, permissions, and ssh keys.
- Troubleshot boot procedure problems and rescued boot failed systems.
- To automate server configuration provisioning, successfully learned and implemented a configuration management platform like Ansible.
- Successfully set up and ran a self-hosted GitLab server for improved developer collaboration.
- Implemented a system for monitoring computing resources usage and performance, resulting in at least 20% increase in system speed.
- Developed and implemented a data backup and recovery system, increasing data security and reducing downtime in the event of a system failure.

### **Junior Network Engineer Intern , KBZ Bank Co.Ltd, Yangon**

September 2020 — December 2020

- Successfully implemented network infrastructure for enterprise needs.
- Consulted vendors and exchanged information to resolve problems with network devices.
- Created and maintained detailed network documentation, including network diagrams and device configurations.
- Monitored network performance and identified possible threats using network analysis tools.

## **Education**

### **B.C. Tech (Communication and Networking), University of Information Technology, Yangon**

December 2014 — December 2020

- Experience with GNU/Linux systems.
- Understanding the OSI 7 layers of a computing system.
- Achieved a mini-thesis final year project focused on Privilege Escalation in Active Directory (AD).
- [Project Report](#)

## **Technical skills**

Linux Administration

Docker

Kubernetes

Amazon AWS

Git

Bash Scripting

Database Management

Observability

Prometheus and Grafana

Python

Ansible

Terraform

## **Languages**

Myanmar

English



## **Industrial Certification**

### **AWS Certified Solutions Architect-Associate**

Credential ID - [NVPQHZTLCMVEQ0SC](#)

### **AWS Certified SysOps Administrator-Associate**

Certificate ID - [2ZL0EFF10FFQKQKX](#)

### **Certified Kubernetes Administrator (CKA)**

Credential ID - [LF-lbslotb7ge](#)

### **Linux Foundation Certified System Administrator**

Credential ID - [LF-7qg9y7pfgd](#)

### **Red Hat Certified System Administrator**

Certificate ID - [220-072-037](#)

### **Prometheus Certified Associate**

Certificate ID - [LF-v47vxcf8r2](#)