



Kaung Htet San

Cloud Engineer | Kubernetes | AWS | Infrastructure Management.

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[in Kaung Htet San](#) [GitHub](#)

[Projects and Notes](#)

Career Profile

Results-driven Cloud Engineer with over 6 years of experience in cloud operations and infrastructure management. Proven expertise in optimizing system performance, ensuring high availability, and driving customer satisfaction through strategic cloud technology implementations. Skilled in AWS, Kubernetes, OpenStack, VMware and Linux administration. Proven track record in managing large-scale projects, providing 24/7 support, and collaborating with cross-functional teams to deliver robust, scalable, and secure cloud solutions. Committed to professional growth and delivering exceptional results in fast-paced environments.

Certifications

- AWS Certified Solutions Architect - Associate (2024)
- Certified Kubernetes Administrator (CKA) (2024)
- Red Hat Certified System Administrator (RHCSA) (2023)
- VMware Certified Professional - Network Virtualization & Data Center Virtualization (2018)
- Microsoft Azure Administrator (2019) | Palo Alto Accredited Configuration Engineer (2019)
- Cisco Certified Network Associate (CCNA) (2018)

Technical Skills

- Cloud Technologies: AWS (EC2, S3, RDS, VPC, IAM, CloudFormation), OpenStack
- Container & Orchestration: Kubernetes, Docker, Helm
- Infrastructure as Code (IaC): Terraform, CloudFormation
- Automation & DevOps: Jenkins, Git, CI/CD Pipelines
- System Administration: Linux (RHEL, CentOS), Windows Server, VMware (ESXi, vCenter)
- Monitoring & Security: Prometheus, Grafana, Zabbix, Security Hardening

PROFESSIONAL EXPERIENCE

Cloud Core Team Lead

SunIVY Solutions Myanmar Co., Ltd

May 2023 - Present

Project : ATOM Myanmar Project Nokia CBIS 18 and CBIS 20

- Led cloud implementation projects, optimizing system efficiency and reducing operational costs.
- Assisted in planning and implementing changes to optimize cloud infrastructure efficiency.
- Provided 24x7 support and collaborated with support teams for timely resolutions also strategically planned and implemented changes to optimize team efficiency.
- Maintained inventory and optimized secure data storage solutions. Good experience in Data Center network architecture and best practices.
- Installing and onboarding of Nokia Cloud Band Software on customer DC and provide UAT sessions handover to customer.
- Currently expanding expertise in Kubernetes for cloud-native applications, with hands-on lab experience in cluster deployment and scaling.
- Strong understanding of Infrastructure as Code principles with Terraform, currently applying knowledge to cloud-based automation projects.
- Experienced with Helm for managing Kubernetes deployments and streamlining application rollouts.

SunIVY Solutions Myanmar Co., Ltd

L3 Operation Engineer

L2 Operation Engineer

July 2021 - May 2023

December 2019 - July 2021

Project : Telenor Myanmar Project Contracted by Nokia - Nokia CBIS 17.5 and CBIS 18

- Managed OpenStack environments, achieving 99.9% system uptime. Led a team of engineers to resolve critical issues, resulting in a 30% improvement in customer satisfaction scores.
- Resolved critical issues, Reduced system downtime by 30% through efficient troubleshooting and proactive maintenance, leading to getting new projects for the company.
- Implemented security hardening strategies to protect cloud-based workloads.
- Specialized in OpenStack Server environment management, maintaining operations, security, and contributing to successful project delivery.
- Upgraded VMs during Maintenance Windows for stability, security, and compliance, ensuring seamless collaboration with application teams.
- Patched and updated the CBIS platform, improving security, performance, and compatibility while managing hardware inventory for accurate tracking and availability.
- Proficiency in crafting CI/CD Pipelines. Proficient with Docker for containerization.

SunIVY Solutions Myanmar Co., Ltd

System Engineer

SunIVY Solutions Myanmar

October 2018 - December 2019

- Upgraded and maintained VMware environments, reducing infrastructure downtime.
- Upgraded HP Blade Servers, maintaining system performance and hardware compatibility.
- Executed a new Datacenter implementation, managing storage, Active Directory, and DNS.
- Designed and implemented Palo Alto Firewall configurations for a hybrid cloud infrastructure, ensuring network security and compliance.
- Provided technical training and knowledge sharing sessions to empower pre-sales engineers with essential expertise. Solid networking knowledge (OSI network layers, TCP/IP).

ICT STAR GROUP MYANMAR Company Limited (ISGM)

Junior System/Network Engineer

January 2018 - October 2018

- Manage and Support Windows System
- Assist in planning and deploying VMware Servers
- Domain Controller
- Building New Computer System and troubleshoot the system failure and error
- Network (LAN)configuration, Manage and Maintain
- Installing new Access Points for new Office

Experience and practices in Cloud Technologies

- AWS & Kubernetes Lab Environments: Deployed real-world scenarios using AWS services and Kubernetes clusters for hands-on learning.
- Implemented Kubernetes clusters for container orchestration, including deployment, scaling, and management of containerized applications.
- Continuously expanding skills through self-directed labs and projects, focusing on real-world use cases and emerging cloud technologies.
- Utilized Terraform for infrastructure as code (IaC) to automate the provisioning and management of cloud resources, ensuring consistent and repeatable deployments.
- GitHub Projects: Published open-source Kubernetes and Terraform configurations.

Educational Background

B.E (Mechanical Precision & Automation)

University of Technology Yatanarpon Cyber City (UT-YCC)

Dec 2010 - Oct 2016

Executive Diploma in Network and Server Infrastructure

Lincoln University

2019

ADDITIONAL SKILLS & COMPETENCIES

Infrastructure Management

- Datacenter & Private Cloud
- Platform as a Service (PaaS)
- Server Administration
- Telecom Infrastructure
- Storage Management

System Administration

- Linux System Administration (RHEL, CentOS)
- Windows System Administration
- Active Directory, DHCP, DNS Server

Languages

- English (Fluent) | Burmese (Native) | Mandarin (Basic)

Leadership & Soft Skills

- Teamwork and Collaboration
- Developing Others
- Leadership & Mentoring
- Problem-Solving
- Team Management
- Customer Relationship Management
- Delivery Excellence

ADDITIONAL DETAILS

Currently based in Bangkok, Thailand & References: Available upon request.