# Kaung Htet San

Cloud Engineer | Kubernetes | AWS | Terraform | Devops
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## Career Profile

Experienced Cloud & Infrastructure Engineer with 7+ years delivering scalable, secure, and highly available systems across cloud-native and hybrid environments. Skilled in AWS, Kubernetes, Terraform, Linux, and OpenStack, with a strong focus on automation, infrastructure as code, and operational excellence. Proven ability to design and manage resilient cloud infrastructure and streamline deployment pipelines to ensure 24/7 service reliability. Passionate about leveraging modern cloud technologies to solve complex problems and drive continuous improvement in fast-paced, agile teams.

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### Technical Skills

- Cloud Technologies: AWS (EC2, S3, RDS, VPC, IAM, EKS, ECS, Lambda), OpenStack
- Infrastructure as Code (IaC) & Automation: Terraform, CloudFormation, Jenkins, Git, Gitlab, CI/CD
- Container & Orchestration: Kubernetes, Docker, Helm
- System Administration: Linux (RHEL, CentOS), Windows Server, VMware (ESXi, vCenter)
- Monitoring & Security: Prometheus, Grafana, Zabbix, CloudWatch, Rsyslog, Vault
- Networking: DNS, AD, DHCP, TCP/IP, OSI Layers, Palo Alto Firewall, NGINX

### 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)

### PROFESSIONAL EXPERIENCE

**Cloud Core Team Lead**
**SunIVY Solutions Myanmar Co., Ltd**                    **May 2023 - Jul 2025**
**Project : ATOM Myanmar Project Nokia CBIS 18 and CBIS 20**

**Responsibilities**
- Led operations for telecom cloud infrastructure (Red Hat/OpenStack) ensuring 24/7 availability.
- Managed VM provisioning, patching, maintenance windows, and Ceph storage clusters.
- Integrated security hardening for cloud workloads and deployed rsyslog server for production zone.
- Built internal test environments using AWS (EC2, S3, IAM, VPC) for HA and DR scenarios.
- Applied Terraform and bash/shell scripting to automate provisioning and test IaC adoption.
- Deployed Prometheus & Grafana stack to monitor Docker and VM workloads, with custom metrics, alert rules, and performance dashboards.

**Achievements**
- Led dual-zone VM failure recovery minimizing SLA breach.
- Cut troubleshooting time by 30% with proactive monitoring.
- Created SOPs and docs to support ops, improve incident response, and mentor juniors for better system stability.