Win Yan Naing Htut
CLOUD ENGINEER

Contact

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Personal Info

Age	27
Nationality	Myanmar
Marital Status	Single

Academic

University of Distance Education

Bachelor of Art in English,
Distance Education (2015 – 2019)

Certificates

HashiCorp Certified: Terraform Associate (003)

Certified Kubernetes Application Developer (CKAD)

Certified Kubernetes Administrator (CKA)

AWS Certified Solutions Architect Associate (SAA-03)

Cisco Certified Network Professional Enterprise (CCNP)

Cisco Certified Specialist – Enterprise Advanced Infrastructure Implementation (ENARSI)

Cisco Certified Specialist – Enterprise Core (ENCOR)

Cisco Certified Network Associate (CCNA)

Language

English
Burmese

Profile

Cloud Engineer with expertise in AWS infrastructure and enterprise security solutions. Skilled in designing cloud-native architectures, implementing scalable infrastructure, and optimizing cloud environments. Previously an On-Premises Network Engineer who transitioned into cloud engineering.

Passionate about advancing infrastructure technologies, including Kubernetes orchestration, Infrastructure as Code (IaC), and CI/CD.

Combines strong technical expertise with proven leadership and cross-team collaboration skills to deliver resilient solutions that align with business objectives.

Professional Experience

Cloud Engineer   Jan/2024 - Present
NCS PTE Ltd.   Singapore

Responsibilities,

- Managed cloud-based firewalls using FortiOS, FortiAnalyzer, and FortiManager appliances deployed as EC2 NIPS (Network Intrusion Prevention System).
- Administered infrastructure in GCC and GCC+ cloud environments.
- Implemented and managed Infrastructure as Code (IaC) using Terraform and GitLab CI/CD pipelines to automate deployment and configuration of AWS resources (SHIP-HATS).
- Maintained AWS components including NACLs, Security Groups, WAF, Load Balancers, Route Tables, S3 buckets, and IAM resources to ensure secure connectivity and strengthen cloud security posture.
- Supported troubleshooting sessions and incident response for AWS infrastructure-related issues.
- Led migration projects for Red Hat servers supporting critical proxy services (Squid forward proxy and Nginx reverse proxy).
- Collaborated with application teams to diagnose and resolve connectivity issues within AWS environments.
- Ensured compliance with security standards through regular audits and implementation of security best practices.
- Enhanced observability by configuring precise alarms and SNS notifications using CloudWatch and StackOps (Kibana).
- Developed Standard Operating Procedures (SOPs) for day-1 deployment of common infrastructure components.
- Handled day-to-day Service Requests (SRs) as part of operational responsibilities.

Infra Engineer
Gain City Electronic PTE.

Feb/2023 – Dec/2023
Singapore

Responsibilities,

- Managed and secured enterprise network infrastructure including L2-L3 switches, routers, firewalls, CCTVs, and IP/digital phone systems.
- Implemented and administered security solutions including Fortinet firewalls (100F, 300D, 400F), VPN, Active Directory, and Darktrace NDR.
- Operate AWS networking services including VPC, Direct Connect, Elastic Load Balancing, and Auto Scaling.
- Deployed SD-WAN solution using Fortinet Secure SD-WAN to optimize WAN connectivity and application performance.
- Developed and implemented network asset management and monitoring systems including Netbox IPAM/DCIM, Cacti, and Zabbix.
- Resolved complex WAN/LAN/WiFi network issues while providing technical support for critical business applications.
- Managed IT assets and maintained comprehensive technical documentation to ensure operational efficiency.

Network Engineer
Frontiir Co., Ltd.

April/2021 – Jan/2023
Yangon,Myanmar

Responsibilities,

- Designed and implemented IP addressing schemes and configured advanced routing protocols (OSPF, ISIS, MPLS, BGP) across multiple platforms (Cisco, Juniper, Extreme).
- Enhanced network security by implementing TACACS+ and AAA authentication systems for network devices.
- Deployed and maintained enterprise network solutions and managed carrier-grade NAT infrastructure (A10 TH7440-11).
- Created and maintained technical documentation including MOPs, SOPs, HLD, and LLD for all network projects.
- Monitored and optimized network performance using Nagios, Cacti, and Smoke-Ping to address bandwidth utilization issues.
- Led migration projects for control networks in regional townships, consistently meeting project timelines.
- Collaborated with cross-functional teams to implement network improvements and resolve complex access network issues.

Internet Core Engineer
Mytel Myanmar

July/2020 – Feb/2021
Yangon,Myanmar

Responsibilities,

- Resolved complex issues in fixed broadband networks to ensure optimal performance and minimize downtime.
- Administered and configured enterprise-level network equipment including Juniper MX960, Huawei SRT, ZTE OLT C320/C610, and Huawei OLT MA5680T.
- Initiated and managed service requests and work orders for new network node deployments including BRAS and OLT systems.
- Developed and maintained comprehensive technical documentation including methods of procedure (MOPs), standard operating procedures (SOPs), and network diagrams.
- Monitored and maintained network devices using U2000 and Net Numen tools to proactively identify and promptly resolve potential issues.
- Collaborated with field maintenance engineers to support OLT integration, hardware replacements, and customer issue resolution.

Associate Network Engineer
Frontiir Co., Ltd.

May/2018 – June/2020
Yangon,Myanmar

Responsibilities,

- Designed and implemented IP addressing schemes for distribution and access layer networks.
- Configured and optimized routing protocols (OSPF, ISIS) on Linux-based routing devices.
- Performed end-to-end troubleshooting of network issues to minimize downtime.
- Analyzed network traffic to identify and resolve congestion points and performance bottlenecks.
- Developed and maintained technical documentation including network diagrams and IP allocation lists.
- Designed and tested network infrastructure for new township deployments.
- Created and submitted detailed quotations and bills of materials (BOMs) based on implementation requirements.
- Collaborated with cross-functional teams (NOC, LAN-ops, Implementation, Customer Service) to coordinate network activities and upgrades.

Assistant Network Engineer
Frontiir Co., Ltd.

April/2017 –May/2018
Yangon,Myanmar

Responsibilities,

- Configured and installed network hardware including switches, routers, and wireless devices (Ubiquiti, Ruckus, and Cambium).
- Implemented and maintained Point-to-Point wireless network installations.
- Collaborated with implementation teams to provision required devices and meet project deadlines.
- Deployed and managed public Wi-Fi solutions for commercial environments.
- Coordinated with inventory teams to streamline device provisioning processes.
- Created and maintained comprehensive documentation including network diagrams and device inventories.