Thaw Thu Han

System Engineer (Cloud & DevOps)

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Deira, Dubai, United Arab Emirates

Summary

I'm System Engineer but I have learned and experienced in Cloud and DevOps fields. I have been working in system engineering field for over 5 year. I can design, deploy, and manage diverse infrastructure, including on-premises, cloud-based, and virtualized environments. Strong scripting skills and experience with CI/CD pipelines for efficient software delivery. Passionate about collaboration and driving operational excellence.

Technical Proficiencies

System Engineer

- DNS, SSL, Load Balancing, Reverse Proxy
- Active Directory and Domain Service
- Advance in Linux and Windows Server
- Web Server (Apache & Nginx)
- Virtualization (VMware and Proxmox)
- Monitoring (Zabbix and Prometheus)
- Network (TCP/IP, VPN, Router, Switch & Software/Hardware Firewall)
- High Availability (DR Strategies)

Cloud & DevOps

- Version Control System (Git)
- Source Code Management (GitHub, GitLab)
- Containerization and Orchestration (Docker, Docker Compose and ECS)
- AWS Cloud Infrastructure and Computing
- CI/CD Pipeline (Jenkins)
- Infrastructure As Code (Terraform)

Education

Degree

Bachelor of Science in Information Technology (Still attending) at European International University Paris

Diploma

Executive Diploma in Network and Server Infrastructure (Dec 2018 – Jul 2019)

Executive Diploma in Cyber Security (Jul 2023 – Dec 2023)

At Lincoln University Collage - Malaysia

Certifications

Certified Information Technology Professional at ITPEC (Oct 2022)

Hashicorp Terraform Associate (Oct 2023)

AWS Certified Solutions Architect – Associate (Mar 2023 – Mar 2026)

Oracle Cloud Infrastructure 2023 Certified Architect Associate (Sep 2023)

Cisco Certified Network Associate Routing and Switching (May 2018 – Nov 2021)

Spoken Languages

Myanmar   -   Native

English   -   Intermediate

Working Experiences

Network and System Engineer – 06/2017 to 05/2021

Myanmar Oriental Bank (Head Office)

- Assisting with the installation and support for network, software and hardware
- Setting up of up user-accounts, permissions and passwords for network equipment.
- Monitoring network usage and alerting management to capacity issues.
- Troubleshooting of Network problem and setup point to point VPN (if need).
- Handling Cisco Network devices.
- Configuration wireless network for client & Configuration PEP-VPN Branch to HO.
- Maintenance Mail Server, File Server and Monitoring Server.
- Analysis Network Traffic and Management Network Port on Palo Alto Firewall & Fortigate firewall.

Senior System Engineer – 06/2022 to 07/2023

RITZ Cyber Intelligence Service Company

- Proxmox Virtual Environment Server Maintenance and Monitoring.
- Backup and High Availability Status Daily Check.
- Check Web Servers Resource Usages and Traffic.
- Designing and Planning System Infrastructure for Customer Site.
- Performs ongoing performance tuning, hardware upgrades, and resource optimization as required.
- Administration and Configuration of the Proxmox VE Server, Web Server, Storage Server (NAS/SAN), Active Directory Server, Univention Corporate Server (LDAP), Database Server, PFsense Firewall, HAProxy and Radius Server.
- Operate as a System Engineer for small and large, simple and complex projects.
- Guide and mentor other members of the System team as part of project or feature teams.
- Trouble shoot all VMs and Server.
- Load balancing and Failover for Web Server.

Cloud & System Engineer – 07/2023 to Present

KBZMS General Insurance Company

- Optimize system performance and resource utilization to ensure cost efficiency and responsiveness.
- Design, deploy, and maintain on-premises and cloud-based infrastructure, including servers, storage, and networking components.
- Develop and maintain automation scripts and tools to streamline deployment, scaling, and management of systems and applications.
- Implement Infrastructure as Code (IaC) principles using tools (Terraform).
- Plan and execute backup and disaster recovery strategies to ensure data integrity and business continuity.
- Write scripts and code as needed for system automation, monitoring, and troubleshooting.

Successful Completed freelance/Company Projects

Chemist Warehouse Company Limited

- Configure and Setup HPE Server
- Install Proxmox Virtual Environment Server on HPE
- Deploy Active Directory Domain Service, File Server and Pfsense on Proxmox

MSIS Software House Company

- Install VMware ESXi for virtualization
- Deploy Zabbix Server for monitor network infrastructure and Server.
- Deploy Self-hosted Gitlab Server
- Configure and Setup Jenkins CI/CD Pipe for faster software delivery

Signature