

# Thet Pying Soe

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## OBJECTIVE

To obtain a position as a **Cloud and Network Engineer** where I can apply my knowledge of cloud platforms, virtual networking, and infrastructure automation to design, implement, and maintain secure, scalable, and reliable network systems. I am eager to contribute to an innovative organization that values performance, security, and continuous improvement in cloud-based and hybrid environments.

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## PERSONAL STATEMENT

I am a highly motivated and certified Cloud and Network Engineer with a strong foundation in designing, implementing, and maintaining robust IT infrastructure. Holding a **CCIE** certification, along with **AWS Certified Solutions Architect** and solid expertise in Infrastructure as Code (IaC) using tools like **Terraform**, I bring both depth and versatility to cloud and network solutions. My goal is to contribute to the development of secure, scalable, and automated systems in an organization that values innovation and operational excellence. With a passion for continuous learning and a proven ability to work under pressure, I am confident in my ability to deliver results, effectively communicate and coordinate with cross-functional teams and customers, and add value to any technical team.

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## WORK HISTORY

### NCS Pte Ltd

Singapore  
May 2022 - Present

### Senior Infra Engineer (Network & Cloud)

- Design, deploy, and maintain secure, scalable AWS cloud infrastructure using services such as VPC, EC2, S3, IAM, CloudWatch, and Route 53
- Configure and manage network components including subnets, routing tables, NAT Gateways, VPNs, and Transit Gateway to ensure secure and reliable hybrid cloud connectivity
- Ensure network security and compliance through proper access control policies, firewalls (security groups/NACLs), and encryption practices
- Develop and maintain infrastructure as Code (IaC) using Terraform for efficient and scalable infrastructure provisioning
- Troubleshoot connectivity issues and resolve problems related to AWS cloud services, ensuring minimal downtime and optimal performance across cloud and network environments.
- Manage GitLab CI/CD pipelines to automate infrastructure provisioning using Terraform, integrating with Ship-Hat services to enable seamless deployment and delivery of cloud infrastructure components.

- Ensure the connectivity and availability of eCustoms AWS GCC resources and services, contributing to a stable and reliable cloud environment
- Build and ensure a robust monitoring system using CloudWatch, Lambda, Event Bridge and SNS for proactive monitoring and automated alerting
- Responsible for the infrastructure network design, implementation, testing, security, managing and maintenance of proposed system.
- Work closely with the Team Leader to meet system delivery milestones.
- Provide technical documentation support to Project & Solutions Teams, as well as hand over as-built system documentation to Maintenance support team.
- Engage with back-line support and/or with vendor's support to diagnose and rectify technical problems.
- Assist in day-to-day operation of the System Delivery Team
- Carry out other technical related duties that may be required.

### **KDDI Myanmar Co., Ltd**

Myanmar

Jan 2017 – March 2022

### **Assistant Manager (Team Leader)**

- Management of technical developments of operations and participation in developing or setting standards as directed.
- Provide Daily and Weekly status reporting.
- Lead a team of Technical Engineers.
- Creating Bill of Materials, Proposal, WBS, High Level Design and Low-Level Design, checking and approving project completion reports.
- Perform multi-vendor devices installation, configuration, and troubleshooting.
- Handle Level 2 & Level 3 escalations from engineers' team and operation team to troubleshoot for customers.
- Arrange and Manage Change Request, Issues managements and all related vendor negotiations and discussions.
- Coach & Mentor to Engineers to ensure consistent service delivery.

### **KDDI Myanmar Co., Ltd**

Myanmar

Jan 2015- Dec 2016

### **System Engineer**

- Design Enterprise Network Infrastructure, DC and Implementations, creating Physical and Logical Topology Diagrams, Routing Design, LAN Campus Design.
- Installation of Network Devices, Servers, Storage and Facilities (Rack, Network Patch Panel, Patching cables)
- Providing Network Solutions and Configuring Cisco Routers (800 Series, 1800 series, 4000 series and ASR), Layer2 and Layer 3 Switches (2900 series, 3500 series, 6509, 9000), Firewalls (ASA, FortiGate, Palo Alto), Wireless LAN Controllers and APs, Network Load Balancer, NAS

- Perform multi-vendor devices installation, configuration and troubleshooting. Managing Cisco IOS, Upgrading IOS and Firmware.
- Troubleshooting network problems, issues, escalating some problems to vendor.
- Managing third-party vendor for PABX, Cabling System and DC Facilities.
- Creating Project Completion Reports and Maintain Documentations.

### **ILBC**

Myanmar  
Sep 2009- Dec 2014

### **Network Administrator**

- Setting up of new workstation, creating user accounts, groups and joining Company AD domain.
- Establishes and maintains user accounts, profiles, file sharing, permissions and security.
- Desktops, Laptops and Server installation, configurations, troubleshooting and end-user support.
- Working with the knowledge and support experiences in Windows XP, Windows 7, Windows 10, Windows Server 2003,2008, 2008R2 and 2012 environments.
- Experience in Network Cabling, Routers, Switches, Wireless Devices, VOIP, DHCP server, DNS Server, Proxy Server and Domain Controller.
- Ability to seek solutions for complex networking and IT technical problems.

### **Computer Technical Team (Trading) Co., Ltd**

Myanmar  
Dec 2006- Aug 2009

### **System and Network Engineer**

- Design Network Infrastructure and Implement for New Projects.
- Responsible for implementations/troubleshooting of Active Directory Management, Win2003,2008 Server Management, Mail Server, ISA server, DNS, DHCP, WINS, etc.
- Experience in installation and configuration of LAN, VPN, Routers, Switches, Wireless LAN, Wireless Security and Technology.
- Structured Cabling System Implementation & Installation.

## QUALIFICATIONS

**University of Computer Studies, Yangon**

Yangon, Myanmar

Nov 2003 – Nov 2006

**Bachelor of Computer Science (B.C.Sc)**

## CERTIFICATIONS

- ✓ **CCIE# 58570**
- ✓ **AWS-SAA**
- ✓ **AWS-CLF**
- ✓ **CKA**
- ✓ **HashiCorp Certified**
- ✓ **ITILv4**
- ✓ **SD-WAN**
- Cisco Certified Internetwork Expert (R&S)
- AWS Certified Solution Architect
- AWS Certified Cloud Practitioner
- Certified Kubernetes Administrator
- Terraform Associate (003)
- IT Information Library Foundations
- Cisco Certified Specialist – Enterprise SD-WAN Implementation

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## TECHNICAL SKILLS

- **Networking:** Cisco IOS, IOS-XE, IOS-XR, Cisco Nexus, Cisco SD-WAN, VPC, BGP, MPLS, OSPF, EIGRP, VLAN Configurations, TCP/IP and Wireless
- **Network Security:** IPsec VPN, SSL VPN, Firewall Administration, IDS/IPS, NACL, Security Groups, NGFW
- **Network & Security Hardware:** Cisco Routers & Switches, Palo Alto Firewalls, Checkpoint Firewall, FortiGate Firewall, F5 Load Balancers
- **Cloud Technologies:** AWS, Azure, Hybrid Cloud, IaaS, PaaS, SaaS, IAC Terraform
- **Operating Systems:** Windows 7/8/10/11, Windows Server 2016/2012/2008, Linux, Windows Server Administration (AD, DNS, DHCP)
- **Monitoring & Analysis:** Wireshark, SolarWinds, SNMP, PRTG, Zabbix, Cloud Watch

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## ACHIEVEMENTS

- **NCS** – Achievement Awards Gold Best Quality Award eCustoms Migration GCC2.0 (NCS Hero Awards 2024)
- **NCS** – Sport award for contribution in the eCustoms migration and cutover
- **NCS** – Infra Excellence Award 2022 Q3 Q4
- **KDDI Myanmar** - Most Valuable Professional (MVP) Award

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## INTERESTS

- Cloud technology trends and home lab experimentation
- Travelling, Reading, Playing Table Tennis

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## REFEREES

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