**Aung Khun Ne Zar San **

**Personal Information**

Address : No.85, Bo Yar Nyunt Street, Dagon Township

 Yangon, Myanmar.

Telephone : **+95 9** **4500 16066**

Email : aungkhun7@gmail.com,

Date of Birth : 23 October 1983

Applied Position Senior Network Engineer

Expected Salary : ---MMK

Marital Status : Married

Availability : One-month notice

**Educational Background**

Bachelor of Computer Science (B.C.Sc)

Government Computer College, Pathein, Myanmar

(Year of Graduation: June 2005)

**Other Qualification**

MCTS- Microsoft Certified Technology Specialist

MCP-Microsoft Certified Professional

MCSA-Messaging-Microsoft Certified System Administrator 2003

Cisco Certified Network Professional Routing and Switching (CCNP)

Further Studying: **Data Center Technology, Cloud Computing, Network/Information Security**

**Employment History**

* **Solution Architect : Millennium System Integration Technology**

No 17, 4th Floor B, Hteedan 3rd Str, Kyimyindaing Tsp, Yangon, Myanmar

From 2018 December 31 to present

* **Datacenter Analyst (AVP) : MAB Bank**

No 207, Thein Phyu Road (Middle Block), Botahtaung Township, Yangon, Myanmar

From 2017 December 11 to 2018 December 31

* **IT Manager : Secure Channel Solutions**

No.24, Room.104, 37th St, Kyauktada Tsp, Yangon

From 2017 June 1to December 10

* **Freelancer : Self-Employed Network Solutions Provider**

From 2016 Aug to 2016 May

* **IT Manager : Horizon Telecom International**

No.85, Bo Yar Nyunt Street, Dagon Tsp., Yangon

From 2013 March to 2016 Aug

* **Senior Network and System Engineer : iNetSystems - Network Solutions Provider** Myanmar-InfoTech, Yangon,

From June 2007 to 2013 March

* **Computer Technician: Golden Power Technology**

Lanmadaw Tsp., Yangon,

From 2005-June to 2007

**Project Experiences**

**Shwe Mahar Maekong Co., Ltd, Yangon, Myanmar**

**Objectives:** Datacenter Setup for ISP Project

**Purpose:** To provide customers reliable and affordable internet service

Responsibilities and Technical Contributions:

* Make detailed network diagram for the ISP Datacenter Network
* IP Address planning for BGP Gateway, NAT Gatewy, Core Network, FTTX Network and DIA Network
* Design the new Datacenter infra using Cisco ASR 1006 for BGP gateway, Mikrotik CCR Router for NAT function and BDCOM OLT for client FTTX networks
* ISP Core Network setup using Huawei Quidway Core Switch and Huawei L3 Switch for DIA Network
* Setup the IGW links with the upstream ISPs
* Setup the SpeedTest Server
* Setup Network Monitoring System for BGP Uplinks and client networks

**Ministry of Commerce (NPT), Myanmar**

**Objectives:** Layer 2 switching infra setup for MOC

**Purpose:** To ensure Network Performance & Availability

Responsibilities and Technical Contributions:

* Make detailed network diagram of the existing infra
* Design the new switching infra using Cisco Small business series switch and Nexus9K
* Plan the VLAN information for server zone and client zones traffic flow
* Design the proper core, distribution and access layers for L2 network
* Make new switching infra migration at weekend

**Myanma Apex Bank, Yangon, Myanmar**

**Objectives:** Datacenter Migration from HO to new Datacenter in Hlaing Tharyar Zone-6

**Purpose:** To ensure Business Application/Services Performance & Availability

Responsibilities and Technical Contributions:

* Provide detailed network diagram of the existing infra to the NEX4
* Design the new Datacenter infra using Cisco ACI and FTD (IPS/IDS) together with NEX4
* Plan the ACI intra zone traffic flow for layer 4 filtering and inter zone traffic flow for layer 7 filtering by FTD (IPS/IDS)
* Plan the DMZ network with F5 load balancer for load balancing, SSL termination and web application firewall together with NEX4
* Provide the IP addressing scheme and zone information to NEX4
* Setup the DCI link between HO and new DC
* Support server inventory and application traffic flow for core banking, ATM, mobile/internet banking to NEX4
* Provide wan network traffic flow to NEX4 and prepare the wan links migration procedure with them
* Fully participated in DC migration project from April 12th to 16th during Thingyan festival
* Fully relocation of all wan devices to new DC at June 9

**Myanma Apex Bank, Yangon, Myanmar**

**Objectives:** Fortigate 200D firewall migration that connect with third parties (MPT,

 Ooredoo, Telenor, OK Dollar, Visa)

**Purpose:** To ensure Business Application/Services Performance & Availability

Responsibilities and Technical Contributions:

* Prepare proper network design for Fortigate 200D to 300E firewall migration in HA mode
* Prepare configuration backup of the existing Fortigate 200D firewall
* Prepare IPsec tunnels with third parties in new Fortigate 300E firewall
* Replace existing Fortigate 200D firewall with 2 Fortigate 300E firewalls in HA mode
* Test third parties IPsec tunnels and Visa Endpoints connectivity

**Secure Channel Solutions, Yangon, Myanmar**

**Objectives:** AYA ATM firewall migration

Responsibilities and Technical Contributions:

* Prepare proper network design for AYA ATM firewall migration
* Prepare configuration backup of the existing Peplink 1350 firewall
* Prepare pepvpn tunnels in new Peplink 2500 firewall
* Migrate ATM tunnels from existing firewall to new firewall at midnight

**As Freelance Network Solutions Provider**

**Objectives:** To setup a network infrastructure for MCDC (Mandalay City Development Committee) CCTV Project

Responsibilities and Technical Contributions:

* Create proper network design for City CCTV network
* Set up and configuration of Lantech industrial switch using Ethernet Protection Ring Technology with Fiber links for City CCTV system
* Some configuration of Dahua network video recorder
* Some configuration of MikroTik router for connection between Traffic Monitoring System and CCTV network

**Horizon Telecom International, Yangon, Myanmar**

**Objectives:** To setup a network infrastructure for 1212 Call Center

Responsibilities and Technical Contributions:

* Configure vlans and trunks interfaces in Cisco 2960 switches
* Setup OSPF networks and inter vlan routing in Cisco 3560 L3 switch
* Setup Microsoft ISA Server (later Microsoft TMG Server) for controlling internet usage
* Configure Zsmart call center software at client PCs.

**Horizon Telecom International, Yangon, Myanmar**

**Objectives:** To make a network infrastructure and server environment for ABank

Responsibilities and Technical Contributions:

* Configure necessary vlans and trunks in Cisco 2960 switches
* Setup inter vlan routing in Cisco 3560 L3 switch
* Install and configure Microsoft Active Directory, Kerio mail server, Xlite ftp server, VMware ESXI 5.5, Solarwinds Network Performance Monitor 10.4
* Configure VPN links in Fortigate 300D and Fortigate 60D firewalls.
* Prepare necessary Visio diagrams, UAT and other documentations for ABank network infrastructure

**Some other Projects and Trainings**

* Attend USSD training at Bahan Exchange for **Myanmar Mobile Money**
* Assist in configuring Security policies, Virtual IP and VPN connection in Fortigate 1000 firewall for **Myanmar Mobile Money** network infrastructure
* Attend the WatchGuard Firewall trainings at Sedona and Kandawgyie Royal Palace **Instructor** : **Carlo Z. Alvarez**
* VPN link setup with **Panamax Inc., India** using Fortigate 100D firewall for **Etopup** project.

**Ministry of Commerce, Naypyidaw, Myanmar**

**Objectives:** To control the Internet Usage and monitor the users traffic by using a proxy server.

Responsibilities and Technical Contributions:

* Set up RAID 1 in ASUS RS120-E4/PA4 Server and Install Windows Server 2003 Enterprise Edition SP1
* Install Kerio WinRoute Firewall and configure to use in different Subnets
* Create Traffic Policies in Kerio to prevent unauthorized access to internal Network
* Create URL rules and HTTP polices to prevent users from browsing unwanted Websites
* Create HTTP policies based on IP address to prevent restricted users from using Internet

**Ministry of Commerce, Naypyidaw, Myanmar**

**Objectives:** To make a payment gateway between MOC and MCB Bank

Responsibilities and Technical Contributions:

* Configure IPsec VPN with MikroTik Router and Fortigate 60C Router between Main Office (Office-3) and Myanmar Citizens Bank, Naypyidaw by negotiating with network engineer from MMG.
* Set up firewall policies in MikroTik to prevent unwanted traffic between Main Office (Office-3) and MCB Bank.

**Myanmar Consultancy Co., Ltd. Yangon, Myanmar**

**Objectives:** To control user email and internet usage

Responsibilities and Technical Contributions:

* Configure Cisco ASA 5505 Router for internet connection sharing
* Configure Firewall Access Rules in Cisco ASA5505
* Install Vpop3 Mail Server 2.6.0j and configure internal and external mail settings
* Install Kerio Winroute Firewall and control users’ internet usage

**Other Skills**

* Knowledge and experience of OSPF, BGP, DMVPN network infra, Cisco 3560 L3 switch, ISR 4321, catalyst 6880 and ASR 9K
* Set up Peplink/Pepwave VPN firewall using Multi-WAN Speed Fusion and Fail Over method
* F5 load balancer basic setup for load balancing, SSL termination and web application firewall
* Configuring Firewall Policies and VPN Tunnels with WatchGuard, Paloalto, Fortigate and MikroTik firewalls
* Experience in Cisco ACI and Firepower 2140 threat defense
* Installation and configuration of Ubiquiti / Ruckus wireless devices for Hotel, Office Network and for Point to Point Wireless Backbone infrastructure
* Set up and configuration of Solarwinds, PRTG Network Monitoring System for Data Center monitoring and proactive maintenance

**References**

U Zarni Maung

Senior General Manager

Horizon Telecom International Co., Ltd

+95 9 5073835

zarnimaung.isp@gmail.com

U Kyaw Zay Oo

Network and System Team Lead

Mytel Co., Ltd

Phone: +95 9 691050813

kyawzayoo@gmail.com

Daw Yi Yi Lwin

Assistant Director

Directorate of Trade

Ministry of Commerce, Yangon

+95 9 420181789

yiyilwin@gmail.com