nawaz

network ENGINEER/ Support Engineer (CCNa)

**Current location Dubai UAE**

**Visa status Visit visa**

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Career summary

* A Computer Engineer experienced with **3+ years** of working as a **NetworkEngineer**
* Strong knowledgeofcomputer network fundamental and hardware configuration
* Practical Experience of installing and troubleshooting of **Cisco Switches L2 and L3 2950 / 2960 / 3560 / 3750**,**Routers 2800 / 2600 / 4000 / 4500**series,**Cisco Aironet 1142N Wireless Access Point**and**Tp-Link Routers Archer C5 , DSL 2750 U**
* Good knowledge of networking protocols **Routing Protocols(RIP**,**OSPF**, **EIGRP,BGP)**, **MPLS**,**WAN Encapsulation Protocols (HDLC**,**PPP**,**Frame Relay)**, **L3 high availability Protocols (FHRP**,**HSRP**, **VRRP** and **GLBP)**,**Network Monitoring Protocols (SNMP**,**Syslog**,**NetFlow)**,**NTP**,**VTP**
* Technical knowledge of **Ether channel negotiation ( LACP/PAGP) , VLANS** and **Inter-VLANs , VTP**and **STP (PVST+** ,**Rapid PVST+**, **MST )**, **Layer 2 Port Security, CDP**and **LLDP**, **PacketsFiltering**,**Applying ACLs**
* Familiar with **VPNs (GRE**,**IPsec) Remote-access VPN Solutions**,**DMVPN Remote desktop Solutions (VNC)**and**NAT**
* Knowledge of **Network Media Category 5e and Category 6**, **TCP/IP concepts**, **OSI Model**
* Working knowledge of **DHCP** ,**DNS**and**Active Directory**

CORE COMPETENCIES

Professional experience

**Nayyer Group of Industries Pakistan (Oct 2015 –DEC 2017)**

**Junior Network Engineer**

* Being Junior Network Engineer core responsibility wasassisting Senior Network Engineer in troubleshooting networks and managing the team
* Configuration and installation of **Cisco Switches** and **Routers**
* Configuring **VLANs** and **STP** and its different flavors on switches for **layer 2** redundancy
* Configuring **Port Security** features on switches to prevent unauthorized access
* Configuring **GLBP** and **HSRP** for high availability of network
* Creating and Maintaining **Site to Site VPNs** for secure data tunnels across various branches
* Configuring **ACLs** ,**NAT**,**PAT**on cisco devices
* Configuration of **port forwarding** for online cameras and online servers
* Troubleshooting **LAN/WAN**,**Switches**,**Routers**and **Access Points**
* CreatingUser Accounts and setting Passwords on demand
* Importing and Exporting of data and taking back up on server as per industry requirements
* Maintaining Documentation for Installation and Configuration activities
* Designing, Installation,Configuration , Monitoring andMaintenance of **CCTV** and **IP cameras**and ensuring their online availability
* Maintaining the Inventory Stock of networking devices
* Implement Network Security at corporate level as per company’s policies
* Configured **VLAN** , **OSPF** alone and along with **BGP** for company’s network , **Sub-netting**  and **EIGRP**

**Pakistan Telecommunication Pvt Ltd (PTCL) (Sep 2014 – Oct 2015)**

**IT& Network SupportEngineer**

* Installation and Upgrading networking devices including **scanners**, **printing machines** and **Biometric Machines**
* Monitoring and Maintenance of network devices manually and with network monitoring tools
* Basic Configuration of edge**Routers** and **Switches**
* Installation of Networking Cables and managing Server Racks
* Reporting to team Manager for troubleshooting
* Installing and operating Windows desktop and server operating systems
* Assisting the Network Manager with support requests
* Diagnosing and resolving staff computer issues remotely using **VNC**, **Team Viewer** and **Anydesk**
* Configuration and testing of new Hardware and Software
* Maintain the Company’s network infrastructure

**Comsats university Islamabad(SEP 2013 – MAY 2014)**

**Final Year Project**

Performance Analysis and Energy Efficient Design of 802.15.4 for WSN's

* Compared IEEE 802.15.14 with IEEE 802.11, analysed performance of both standards for different performance parameters like Throughput , Delay and Packet delivery ratio
* Found the energy consumption of the 802.15.4 and proposed a new design which was energy efficient

certifications & trainings



* Participated at the webinar for students on the topic Internetof things (IoT) **smart connected cities** organized by cisco networking academy team
* Cisco Certified Network Associate (CCNA) Routing and Switching **(Certified ID:CSCO13250690)**
* Cisco Certified Network Professional (CCNP) **Switching(Trained)**

network monitoring tools, languages & softwares

**VNC**,**Team Viewer**,**Any Desk**,**Putty**,**Solar Wind’sNet Flow Traffic Analyser**,**Packet Tracer**,**Cisco AnyConnectVPN Client** ,**Barcode Scanner BCP- 800**, **MS Office 2010**,**C/C++**,also worked on **C Sharp**,**Assembly language for Microcontrollers**, **MatLab**

qualification

**Bachelor of Science in Electrical (Computer) Engineering**

**2010–2014**– COMSATSInstituteofInformationandTechnologyIslamabadPakistan

achievements & extra curricula’s

* Lecturer in **Swedish group of colleges** Gujrat campus
* Awarded employee of the month for deploying**Security System** (Turnstile gate)
* Participated in configuring**Patrolling System**

language

Well Versed, Fluent and Confident in **English** and **Urdu**

references

To be furnished on request