# IT/Network Engineer/OFC Engineer

**Muhammad**

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◆**Career Aspiration**

To seek a challenging position inIToffering responsibility, challenge, and rewarding experiences and at the same time maintaining a high standard of performance and business ethics.

### Educational Profile

**B-Tech (Hon’s) Electronics** from Preston University Islamabad, Pakistan (2009-2012)

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### Professional Qualification& Certifications

* **CCNA (**Cisco Certified Network Associate) **(**2016**)**

Verification Code (Certified in April 2016)

* **OFC Splicing Jointing Training**from PTCL staff college Haripur, Pakistan. (2015)

Tools used: OTDR MAX Tester 713,Fuji Kora 60 S,VFL power meter, cable locator.

* **CPE installer training** from PTCL Staff college Haripur, Pakistan. (2014)

Configuration of DSL Modems(fiberhome,kazda,Sagemcom)

Configuration of Smart TV box IPTV training.Understanding use of web portal.

* **Diploma in Computer Sciences**from Center in Computer Excellence (2003-4)

**◆Professional Experience**

**Long Term Engineering Islamabad, Pakistan**

**NOC (Network Operation Centre) Engineer** **April 2015 to November 2016**

**Projects:**Safe city National Telecom Company NADRA (GPON Technology, OLTs, splitters, ONTs). Safe city cameras Maintenance in Islamabad (450 km OFC link)

* Monitoring Safe city OLTs,ONTs, IVS(Intelligent video Surveillance),VMS(Video Management Surveillance) sites status.
* Coordination with field team to resolve issues (LOS.Connectivity Issue,Connector fault,Offline cam sites).
* Configured Huawei IPC(6221,6231,and 6621) Software IPC software.
* Using Telnet & Ping commands to verify status of cameras(ANPR,Wall mount,Box) ONT’s (by ONT’s serial number).
* Monitor NMS alarms and coordinate with the field teams accordingly
* Alarm Monitoring of different types of internal and external alarms of Huawei equipment which includes OLTs, ONT/ONU, Cameras, IVS and VMS sites
* Provide technical support and troubleshooting to the field teams at sites.
* Working knowledge of monitoring tools like ( eSpace IVS )
* Creating daily NMS, Site and Equipment Maintenance and Total Offline Cameras report
* Install, configure, and operate simple routed LAN, routed WAN, Switched LAN networks.
* Hand on experience on OTDR EXFO MAX TESTER 715,
* Hand on experience on splicing and jointing 60 s Fujikora.
* Power Meter measuring Optical power VFL.
* Performed testing of ODF of 48,24 Fibers.

# ptcl

# PTCL Pakistan Telecommunication, Pakistan

# Field Engineer April2013 to 2015

Responsibilities includes (but not limited to) the following:

* Fault Rectification and closed call Log
* Responsible for all Broadband services
* Coordination with NOC (network operation Center) Fault management, and Troubleshooting
* Troubleshooting/diagnostic of problems on site / remotely
* In case of Optical Fiber Cable breakdowns and co-ordination with concerned divisions for fault
* Moreover, Expertise in handling of test Equipment, especially OTDR, Laser Source, Power Meter,
* Installation and Configuration of broadband, DSL connection to customers.
* Installation and configuration of FTTH (Fiber-to- home) to small, medium sized offices, Homes, Hotels as per requirements.
* Installation and Configuration of Triple play (Data, voice, video) services for townships.
* Resolving technical related issues like LAN /WAN connectivity

**SKILLS**

Packet Tracer 6.2 labs understanding

• Solution of intervlan routing

o Implementation of router on a stick

o Configuration of switch virtual interface

• Configuration of Layer 2 and Layer 3 Etherchannel

o Configuration of HSRP

o Configuration of VRRP

o Configuration of GLB

• Configuration of STP flavors

o PVST,CSTP,RSTP,MSTP.

• Configuration of Switching modules like Uplink fast,Port Fast,Switch Macro.

• Configuration of Layer 2 security

• Configuration of Routing protocols ( RIP,EIGRP,OSPF,BGP)

• Design and implementation of LAN/WAN, using Cisco routers, hubs and switches..

• Implementationof HSRP, DHCP.

• Configuration of CDP.

• Switching,Trunk, VTP, STP, VLAN Configurations.

• Familiar with the setup and basic configurationof Cisco layer 2 and 3 Switches.

• Configuration of IPV6

• Configuration of SNMP.

• Configurationof side to side VPN,

• Standard ACL, Extended ACL, Reflexive ACL, VLAN ACl, MAC filtering.

Installation and configuration of CCTV cameras.

LAN (Workgroup/ Active Directory) &WLAN installation and management.

Installing software using group polices.

Configuring and troubleshooting Domain Controllers, DHCP, on Windows Server 2003/2008 and server 2012 platform.

Working experience of Microsoft Windows 2000/NT/XP/ Vista/7.

Familiar with all hardware and software systems,

**Optical fiber Tools**: Hands on experience in **OTDR, Max tester 715**, Splicing Fuji Kora 60 S, and Power Meter Testing.

**Office Automation**: MS Word, MS Excel (V lookup, H lookup, Count if, Pivot Table etc.), MS Power Point and Front Page

**Personal Details**

Date of Birth : 30.11.1981

Marital Status : Married

Nationality/ Religion : Pakistani/ Islam

Language(s) : English, Urdu, Panjabi andHindi

**References** Can be furnished immediately upon request