**MUHAMMAD USMAN**

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**OBJECTIVES**

Looking for a challenging opportunity to work as an electrical engineer in reputed industry, utilizing background, skills and 3 +years’ experience in Telecom industry as BSS engineer, Electrical engineer ,NOC engineer and Radio frequency engineer. Capable and flexible to work under aggressive project time-lines and able to work on all technical aspect of the project.

**STRENGTH**

* Windows XP, Vista, and Windows 7.
* Effective communication skills and high work potential in group work
* A high energy individual with a hybrid blend of technical expertise creativity
* Strong ability to observe, decision making and act firmly
* Strength in inventing innovative solutions to the problems
* Flexibility, hard determination, high motives and goals play personality
* Systematic and organized who quickly gains confidence of the co-workers

**WORK EXPERIENCE**

**Work experience as RF/DT engineer ZTE 3G/4G ROLL OUT PROJECT NORTH from**

**Jan 2016 to May 2018.**

**WCDMA:**

* Hands-on experience on TEMS 14.2 & TEMS 16.
* Hands on experience on frequency analyzer/spectrum analyzer.
* To perform SSV for integrated sites of CMPAK and Telenor Pakistan.
* Using TEMS observing the particular cell parameters such as RSCP level, E0/I Level, Scrambling Code, Rx Level, Rx Quall, C/I, SQI, HSN, MAIO, BER, FER etc.
* **CM-PAK** site using TEMS16.1 in cluster drive test with three TEMs mobile, one for idle mode, second one for dedicated Mode and third for R99.
* **TELENOR** site using TEMS 14.2 in cluster drive test with Two TEMs mobile, one for Scanning mode and second for dedicated Mode.
* Monitoring WCDMA radio parameters during cluster drive.
* Handling Customer Complaints.
* Perform Walk Test for Malls/Offices/Hotels/Residential Buildings.
* Handles the In Building Walk Test using TEMS 16.1.
* Indicate partial/sector swap and Remove that in roll out site.
* Site audit reports including Site configuration, Antenna Height, Azimuths and tilts.
* Adjusting azimuth, tilt & orientation of antennas to meet traffic & capacity needs.
* To perform Cluster Drive and Post Processing of Log files.
* Make report and Post Processing and analyzing call drops, call setup failure.
* Analyzed the Pilot Pollution and reduced them.
* Data test HSDPA and HSUPA.
* To perform audio call test verify for drop call, blocked call.
* Video calls Test, IRAT and missing neighbor issue.
* Monitor soft, softer and hard handover.
* SMS test.
* Documented reports using MapInfo 10.5 and TEMS 16.1

**LTE**

* To perform SSV for integrated sites of CMPAK and Telenor Pakistan.
* Handling Customer Complaints
* Perform Walk Test for Malls/Offices/Hotels/Residential Buildings.
* Handles the In Building Walk Test using TEMS 16.1 software.
* Indicate full and partial swap on the site and remove that in roll out site.
* Site audit reports including Site configuration, Antenna Height, Azimuths and tilts.
* Adjusting azimuth, tilt & orientation of antennas to meet traffic & capacity needs and remove the overshooting.
* Performed DL/UL Tests to check throughputs.
* Collecting and analyzing drive test coverage logs using TEMS 16.1in drive test with 1 data card, for downloading.
* Expansion site Drive Test.
* Ping/latency Test.
* CS fall back test.

**Telenor Operation and maintenance Regional HQ Peshawar Pakistan (Mar 2015 -TO- Dec 2015)**

Worked as Regional Network Operational Engineer (NOC) & Coordinator at Telenor regional Head quarter Peshawar Pakistan performed following tasks.

* To monitor regional network, power and transmission alarms on Netnuemen software.
* Escalation of Ac mains failure, low voltage,Vswr ,RRU link broken,LOF,siteabis control link broken and link broken between OMM and NE alarms to respective teams.
* To take update of alarms from teams and respective area manager.
* If alarms not clear due to hard ware faults, then inform to regional manager, vendors and operator clusters owner.
* Close all trouble tickets on online software Service manager.
* Update 24/7 report of alarms master sheet to put right reason.
* Hourly checking of Major hub sites, Hub sites, repeater sites, BSC’s alarms on Go Globe software.
* To make the hourly, weekly, monthly, site status report about fuel, wapda, battery bank energy consumption through remote monitoring system online software.

**Telenor Operation and maintenance Peshawar Pakistan (Sep 2014 -TO- Feb 2015)**

Worked as **Electrica**l **Engineer** in HNL Subcontractor with Telenor operation and maintenance at Telenor Sites.

* To resolve
* Site down issues.
* To check Mains AC Supply, Input and output voltage through Multi meter.
* Check Rectifier voltage.
* AC mains power Failure issue.
* To Check ATS Panel and its equipment e.g. Breakers, relay, Magnetic connector.
* To check three phase AC supply distribution.
* To check rectifier module and its working condition.
* To check Genset and voltage stabilizer at sites.
* Too looped wapda phase.
* To check the BSB Battery bank voltage, weather it is running on -48 volts.
* ODU Microwave Dish and LOF (loss of frames) alarms.
* To check the functionality ATS Panel breaker, air con panel breaker ,BTS breaker, Genset,
* Breaker, IDU breaker, AC mains breaker, Q1 breaker, rectifier breaker, Battery bank breaker.
* To resolve sector down issues.
* To check BTS (Base Transceiver station) Cabinet.
* Work on NEC Indoor Unit.

**PTCL ExchangeD.I.Khan (August 2012-To- Sep 2012)**

Worked as an **Internee engineer** in PTCL exchange D I Khan from 1st Aug 2012 to 15 Sep 2012.

* I performed following tasks
* Under the work of EWSD switch
* ZXJ10-ZTE MSG 9000 media and Gateway
* Control fault management system (CFMS)
* Optical fiber system

**TECHNICAL SKILLS:**

* Microsoft Office (2007-10)
* Word, Power Point, Excel,
* Operating Systems
* Windows, 95, 98, 2000, XP, Seven, 8, 8.1,10
* Map Info 10.5/TEMS 16.1/14.2
* Frequency Analyzer
* Netnuemen
* Go Globe,
* RMS
* LMT
* Online Trouble ticket service manager

**EDUCATION:**

* 2010-2014 Comsats Islamabad(Abbott bad) Abbott bad Pakistan
* B.E/B.Sc Electrical(Computer) Engineering
* PEC Reg# ELECT/44998
* 2007-2009 G.D.C NO 2 D. I. Khan, Pakistan
* Intermediate in Pre-Engineering
* 2004-2006 G.H.S.S Islamia D. I. Khan, Pakistan
* Matriculation (Science Group)

**Main SUBJECTS:**

* Electrical machines.
* Control systems
* Electric circuits’ analysis AC network and DC network.
* AC Distribution and utilization
* Power Generation
* Electronics
* Data communication and computer networks

**Final Year project (2013)**

Wireless sensor networks based intruder detection system.

**SKILLS:**

Excellent communication and oratory skills developed through customer relations and public affiliations.