**Engr. Arslan Ali**

Curriculum Vitae

Father Name: Shaukat Ali

Date of Birth: 06-03-1990

Nationality: Pakistani

Religion: Islam

**Date of Birth: 06-03-1990**

**Mobile Number: 0336-5377027**

**Home Mobile Number: 0333-5210568**

**Address: House.No-713/ B Ahatta Makhan Lal Adra Rawalpindi Cantt**

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SUMMARY

I have 3 years of Telecommunication Field experience. I have gained expertise in 4G, 3G and 2G Radio Network Optimization which includes network KPIs analysis and improvement, worst cell analysis, initial tuning optimization using soft and physical parameters, post processing, analysis and reports compilation of drive test log files and coordination with field teams.   
Proficient in using tools including Huawei iManager U2000, Huawei iManager PRS, Huawei Airbridge LMT, ZTE POMC, ZTE NetNumen, ZTE CNO2, MapInfo Professional, Nemo Outdoor, Nemo Analyze, Google Earth and Microsoft Office.

PROFESSIONAL EXPERIENCE

**Support Engineer | TecLink**

**1 December 2016 – 30 November 2017 (1 year)**

I worked in **TecLink** as ‘**Support Engineer’** in the **Network Integration Department in Telecommunication Field.** My main responsibilities were **Wireless area** in **LTE RF Optimization domain** includes:

* Daily LTE statistics monitoring to improve Key Performance Indicators (KPIs)including Downlink and Uplink Throughput, Session Setup Success Rate, E-RAB Drop Rate and Handover Success Rate.
* Weekly LTE PRB utilization analysis and highlighting loaded cells in the network for expansion
* Weekly worst cell analysis and troubleshooting based on several criteria including Session Setup Success Rate, ERAB Drop Rate and Handover Success Rate.
* Monthly 4G/LTE and Biweekly 3G/CDMA 2000 report compilation highlighting network KPIs, DL/UL volume used, Active Users trend and top sectors with maximum throughput and users
* Fault Alarms Monitoring on U2000, Airbridge LMT and POMC
* Weekly RSSI analysis and escalation to FAB in the designed format in case of external interference
* Excellent Knowledge of GSM/CDMA 2000/UMTS/LTE knowledge of RF Planning.
* RF Optimization Tools used include**,** Nemo Outdoor, Nemo Analyze, MapInfo Professional
* Trouble shooting coverage, interference and handover issues in drive test log files and suggesting physical parameter modifications, Post processing of drive test data, Reports compilation.

**Assistant Manager (Technical) | Greenz International**

**1 November 2014 – 30 September 2016 (2 year)**

I worked in **Greenz International** as ‘**Assistant Manager (Technical)’** in the **Telecommunication Field.** My main responsibilities in **Optical Fiber domain** include:

* Orientation to OFS, OFC Joining & Splicing. Optical Fiber Test Equipment i.e OTDR power meter light source cable locator
* Completing reports of Telecommunication equipments to distribute the different Telecom companies.

**Teaching | High School Gujar Khan Rawalpindi**

**1 Nov 2012 – 30 November 2013**

I expert in different Science subjects like Physics, Maths, Chemistry**.**

**Internship | Pakistan Telecommunication Company Limited (PTCL)**

**21 June 2010 – 03 August 2010**

Internship under General Manager Ops Transmission North PTCL Islamabad. During this period, i received hands on training in the following areas:

* Digital Access Cross Connect Network, NMS of Alcatel (Sbs) Tellabs (Wbs) & Loop Telecom (Wbs)
* PDH, SDH (Huawei & ZTE) and DWDM (Huawei / ZTE), Orientation to OFS, OFC Joining & Splicing
* Optical Fiber Test Equipment i.e OTDR power meter light source cable locator

EDUCATION

**2014 – 2018**

**MS (Electrical Engineering) |** University of Engineering and Technology (UET), Taxila, Pakistan

**Thesis Title:** Performance Improvement of Dynamic Voltage Restorer (DVR).

**2008 - 2013**

**BE (Telecommunication Engineering) |**National University of Modern Languages (NUML), Islamabad, Pakistan

**Final Year Project:** Channel Shortening for Doubly Selective Channel.

**2005 - 2007**

**HSSC| Fsc (Pre-Engineering) | FBISE,** F.G. College for MEN H-9, Islamabad, Pakistan

**2003 - 2005**

**SSC| (Science) |FBISE,** F.G. Boys Model School G-9/4, Islamabad, Pakistan

MEMBERSHIP

**PAKISTAN ENGINEERING COUNCIL** (PEC)-NO- **TELECOM-4327** **(REGISTERED ENGINEER)**

DIPLOMA/TRAINING

* **CCNA (Routing and Switching) |2017** CROVIT System, Rawalpindi, Pakistan
* **LINUX (Red Hat Enterprise Linux 7) Operating System |2017** CROVIT System, Rawalpindi, Pakistan
* **ADVANCE DIPLOMA IN INFORMATION TECHNOLOGY (IT)|2005** STICS, Rawalpindi, Pakistan.

Skills and Expertise

* Huawei iManager U2000, Huawei iManager PRS, Huawei Airbridge LMT.
* ZTE POMC, ZTE NetNumen, ZTE CNO2, ZTE NetNumen U31.
* MapInfo Professional, Google Earth, Nemo Outdoor, Nemo Analyze, MS Office Matlab/ Simulink, C++.

Research Paper Publication

* One paper is submitted title is **“Performance Improvement of Dynamic Voltage Restorer (DVR)”** in **Nucleus International Scientific Journal** in **atomic energy** (Paper Publication is in process).