

Hafiz Syed Muhammad Farhan

Sr. Technical Executive (Team Lead) NOC at Clicksat Pvt Ltd

Personal

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Career

Career Summary

An Experienced Engineer, having three years plus experience in the field of Computer Networks and Telecom as Sr. Technical executive in Network operations centers of VSAT and Fiber respectively. Besides, having experience in Field deployments & maintenance including customer sales & support services.

Qualification

	Year	Institution	Qualification	Grade/ CGPA
A C A D E M I C	2012~2016	Sir Syed University Of Engineering And Technology.	BS (Electronic Engineering)	3.33 Out of 4.0 (1st Division)
	2010~2011	Adamjee Government Science College	HSC (Intermediate) (Pre-Engineering)	72.4% A Grade
	2000~2009	S.M PUBLIC ACADEMY	SSC (Matriculation) (Science)	86.12% A- ONE Grade
	1996~2000	Iqra Rozat- ul- Atfal	Hifz- E- Quran (Islamic)	100% (1 st Position) Darja- E- Awal

Skills & Certifications

S K I L L S	• Computer Networking	• VSAT	• Electronics
	• Virtualization (VMware, & Virtual Box etc.)	• Computer Hardware & Software	• Field Engineering
	• Packet Tracer and GNS3	• Customer Support and Sales	• VoIP Engineering
	• MS Office (Outlook, Word, Excel, Visio etc)	• Sheets and Data Management	• Security (Network, Software, and Hardware)

CERTIFICATIONS

Cisco Certified Network Association (Online & Offline Course Preparation)
Registered and affiliated engineer with Pakistan Engineer Council (PEC)
Affiliated with the Higher Education Commission (HEC)
MICROCHIP PIC APPLICATIONS DEVELOPER
3CX VoIP Basic Certification
English Language Course

OPERATING

- **SOFTWARES**
- Packet Tracer, MS Visio, MATLAB, SIMATIC STEP 7-Micro/WIN (PLC), EASYBUILDER8000 (HMI), ARDUINO IDE, Proton IDE (PIC), AutoCAD 2007. Proteus 7 & 8 (ISIS + ARES VERSIOIN), NI Multisim, Circuit Wizard, Work Bench.
- **OTHERS**
- MS Office (2007, 2010, 2013, 2016 & office 365 Versions), typing speed 40WPM. Windows 98, XP, 7, 8, 8.1, 10.



Sr. Technical Executive (Team Lead) NOC at Clicksat Private Limited



Aug 1st 2016 ~ Present

Services and Duties:

- Team Lead including 24*7 based Scheduling of NOC team on weekly basis.
- Networks designing by using Packet Tracer, GNS3 and MS Visio.
- Training of new comers/ beginners regarding networks, VSAT and Wireless circuits.
- Remote administration of LAN and WAN. Troubleshoot the LAN / WAN networks. To ensure the maximum possible service availability and performance timely.
- Experienced in VPN (IPsec, GRE, and EoIP) Tunneling to secure IP traffic with ACL, NAT/PAT and static/dynamic routing, for securing traffic.
- Managing YahSat (Y1-b) satellite broadband services of Ka-band in Pakistan using VSAT.
- Involve in major responsibility to implement and configuring LAN/WAN networks of region wise customers, troubleshooting network related problems & Team lead the NOC Team.
- Data and VoIP circuits' configuration, maintenance and monitoring.
- Customer on site/ call or via Email network support, troubleshooting and diagnosis.
- Experienced in Field engineering mostly at OIL & GAS sectors (OMV, MPCL, UEPL, HALLIBURTON, TIANJIN, PPL, PETRO SERVICES, HILONG, WEATHERFORD, and ENI).
- Automation (Using Katalon Studio, Selenium IDE & MS Excel Macros) to automate routine task time effectively and efficiently.
- Experience and hands on IP Monitoring softwares (i.e. Solar Winds IP Monitor V9.0 and Easynet Monitoring).
- Maintaining the database of all data and voice circuits using Advanced Excel and Macros.
- IP Addressing (Planning and Allocation) as per customer needs.
- Expertise in network devices including:
 - Mikrotik and Cisco Routers (e.g.: HexLite RB750 r2, Cisco 800 and 2500 Series Routers).
 - Cisco Manageable switches (3750, 3560, and 2950 Switches) others Layer 2 Switches of D Link, cisco and TP Link.
 - Hughes Satellite Modems (e.g.: HN9260, HN9460, HN9600, HN9800)
 - Voice Transport Devices (e.g.: WellGate WG2450).
 - Linksys and Grandstream VoIP FXO and FXS Devices (e.g.: Cisco SPA 502G, Linksys PAP2T SPA3102, GXP1615).
- Configuration of 3CX Software based IP PABX.
- Troubleshoot the network problems.
- Layer 2 configuration on Cisco and Maipu switches via CRT remote software

JOBS

ACHIEVEMENTS

- An overall 1st class academic record including Hifz-e-Qur'an.
- Got A-One Grade in Matric, A grade in Intermediate & graduated (BS ELECTRONIC ENGINEERING) with 1st division.
- Secured Outstanding Marks in Final Year Project 180/200.
- Design and Simulation of PID and Fuzzy controller for Control System Model.

Participations with Projects

- Participation in 4th In-House- Project Exhibition of Digital Processing system.
- Participation in Robot- War Competition with personal Robot.
- Transistor Logic Competition in Sir Syed University.

DESIGNED & DEVELOPED

- **Final Year Project: - Automation of Dual Wheels Self Balancing Robot**
- **Site Address:** <https://sites.google.com/view/datashared>
- **Automation** including Comparative Study of PID and Fuzzy Logic based Control System, Wireless (Bluetooth + RF Module) Interfacing, **Sensors** (Motion Sensor) Implementation, and **Arduino**.

• Variable **Power Supply** (0-20 V) With Volts Indication

- An efficient **VLSM (Variable- Length Subnet Masking) design** for networking using OSPF Routing Protocol

Water Level Indicator with Auto Relay Switching

- **Wireless Home Automation** with Android and Laptop Based Controlling Interface.