**Hamzah**

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# **Professional Summary**

* Versatile telecom professional; experienced in installing, commissioning and maintaining telecom equipment for the transmission of line-of-sight, cellular, broadband, landline and cable data.
* Have 5+ years of work experience in the telecom and IT industry in Pakistan and the UAE (for Etisalat on behalf of Al Rostamani Communications LLC).

# **Core Competencies**

• Comprehensive knowledge of telecom systems, equipment and mobile devices  
• Solid ability to effectively interact with clients and end-users   
• Strong familiarity with system maintenance procedures   
• Excellent communications abilities

# **Experience**

*Position: Telecommunications Engineer May 2016 – Dec 2016*

*Employer: KC & GS (Project Contractor) Karachi, Pakistan*

* Prepared LOS survey reports for installation and collection of information on existing and multi-operator sites.
* Procuring equipment from vendors and materials from suppliers after comparison of quotes.
* Installed new systems and confirmed that everything was fully operational.
* Microwave transmission including: implementation, media clearance, traffic shifting and troubleshooting.
* Installed and commissioned NEC iPasolink Series; iPasolink 400, 200.
* IDU, ODU and antenna installation with proper routing and labeling of grounding, IF and power cables.
* Configured: E1s, VLANs, QoS, DCN, NMS configuration and performing E2E testing.
* Hands on working at exchanges and major hub sites.

*Position: Access Network Supervisor Jul 2014 – Apr 2016*

*Employer: DREAMNET TECHNOLOGIES (Local ISP) Karachi, PK*

* Was responsible to minimize the downtime due to physical connectivity issues.
* Troubleshooting and Deployment of fiber optic cable both underground and overhead.
* Arrangement of UPS/invertor, power generator to ensure network uptime in case of power failure.
* Splicing of fiber optic cable under the ducts and along the poles, mainly using Fujikura splicing machines.
* Installation of media convertors (100mpbs/1gbps) between fiber optic and Ethernet.
* Installation and configuration of networking equipment including manageable Cisco switches, routers, firewalls, optical splitters etc.

*Position: Technical Support and Quality Control Sep 2013 – May 2014*

*Employer: AL ROSTAMANI COMMUNICATIONS LLC Dubai, UAE*

* Integration and service troubleshooting of Etisalat’s eLife Triple Play services over FTTH (GPON)
* Quality inspection of installed equipment and services being provided.
* Pictorial report of substandard installation with measures required for rectification.
* Encourage on-field team for prompt removal of snags and report after rectification.
* Allocating tasks to field staff using Etisalat’s FOS control panel.
* Configuration of different services over GPON using Etisalat’s CBCM and PMS.
* Installation and configuration of ONTs, RGWs, Routers, Modems, Access Points and IADs for PABX Lines.
* Worked in multi-vendor environment like equipment from Huawei, Zhone, Cisco, Aztech, D-link etc.
* Fusion and mechanical splicing of fiber from Corning and Fujikura.
* Coordination between sales and technical teams.

*Position: Installation and Commissioning Engineer Oct 2011 – May 2013*

*Employer: HT INFRA (Project Contractor) Karachi, PK*

* Worked in different projects including hardware swapping, new installations, expansion in active sites.
* Deployed BTS sites in different physical scenarios: IBS/DAS, green-land and rooftop installations etc.
* Worked with different telecom carriers including Mobilink (VimpelCom), Zong (China Mobile), Ufone (Etisalat)
* Installed and commissioned BTS equipment from multiple vendors like Alcatel-Lucent Evolium-9100 series, Huawei DBS3900, BTS3900 series, Ericsson RBS 6000 series etc.
* Configuration and expansion of network cards and E1 links.
* Installation, up gradation and configuration of BTS firmware.
* Installation of Sector Antennas, feeder, optical and power cables, rectifier, power cabinets, battery banks.
* Connecting power cables from GenSets and main power supply to the PDB.

# **Education and Certifications**

* Bachelor of Science - Telecommunication Engineering
* CCNA Academic Training
* MS Office® 2000 certification
* Computer Hardware (PC-Service Technician)

# **Skills and Interests**

* Vastly experienced in LANs, WANs, WLANs
* Structured cabling of Data and Power transmission lines.
* IP/CCTV Camera and DVR installation and remote monitoring
* Satellite Antenna / Receiver installation and Cable TV Distribution
* Satellite Communications (VSAT)
* Drive Testing (TEMS)
* MS Windows (98, 2000, XP, WIN 7, WIN 8,10 Server 2008, 2012)
* Distributions of Linux (Ubuntu, CentOS etc.)
* Mikrotik RouterOS and Ubnt AirOS
* Android enthusiast (xda member)
* Graphics Designing (Photoshop, Illustrator)
* Web hosting, designing, DNS management
* Installation of CMS and other scripts on the hosting machine.
* Cisco Packet Tracer and GNS3