

## Objective

Seeking for a challenging post that lets me use my abilities to their maximum extent in order to prove and exploit my diversified knowledge and skills in the many areas of technologies I master.

## Summary

6 years of experience in Installing, Configuring, Implementing ISPs, Call Centers, Data Networks, LANs, VPN Tunnels, Supporting, Administering, Troubleshooting, Managing, Consulting, Training Heterogeneous networks and systems. Including 4 years of working experience with ISPs and Corporate Solutions, Routers, Firewalls, Switches, Voice Gateways, Routing Protocols, Remote Access Systems, Bandwidth Managers, Modems etc.

## Professional Profile

In my past few years I have designed and implemented Broadband ISP locations and also numerous data network solutions. I have also worked on Windows, Linux & Unix boxes with all manner of software and hardware technology, System Administration and networks for private firms and companies.

## Key Skills

- Implementation of ISP Setup.
- Providing 2<sup>nd</sup> and 3<sup>rd</sup> level support.
- Structured cabling design, Installation and documentation.
- More than 4 Years' Experience of Networking in **Linux (Kernel 2.6), UNIX, and Windows Server Family.**
- Working Experience on all versions of **Windows Server Family Active Directory Services.**
- Work Experience on **Files Servers, DB Servers, IAS and Antivirus Server** in Windows environment.
- Working Experience on **Microsoft Internet Security & Acceleration.**
- Configured **Proxy Servers, DNS Servers, FTP Servers, Email Servers (Qmail, Postfix, Sendmail, Kerio, Microsoft Exchange and MDAEMON) & Web Servers** in various Organizations & Institutes.
- Working Experience on **RT Ticketing System & Openfire IM Server.**
- Excellent knowledge of **TCP/IP addressing, Multicasting, Subnetting, VLSM,** and summarization.
- Excellent in designing and implementation of **VLANS, Inter VLAN Routing.**
- Worked on **Cisco 1900, 2600, 2800, 3800, 7200, 7500** Series Routers & **2900, 3500, 4500, 6500** Series switches **500 Series Pix Firewalls & 5500 Series ASA.**
- Solid understanding of IP protocols including **HTTP, FTP, and Telnet** etc.
- Working Experience of various kinds of **Wireless Devices & excellent knowledge of different Wireless Technologies.**
- Experience in Deployment & Management of **WiMax Technology.**
- Working Experience on **VoIP Switches & GSM Gateways.**
- Working Experience on all sorts of **Video Conferencing Techniques & Technologies.**
- Working Experience on **Cisco, Asterisk, Avaya IP PBX and IP Telephony.**
- Working experience on **VSAT, Satellite Data Communication and Broadband Downlinks.**
- Excellent knowledge of **Data Backup** applications and **Backup Strategies.**
- Excellent knowledge of Intrusion detection systems like **Snort.**



- Excellent knowledge of **Lucent MAX TNT RAS**.
- Working experience on **Thin Clients** with **Terminal Server**.
- 1.5 Year experience of Project Management.

## Operating Systems

All Flavors of Linux, UNIX, Router OS (MikroTik), Router SDM, All versions of Windows Server, Windows Desktop Family, Cisco IOS, Lucent TAOS.

## Employment History

### IT Advisor / ICT Specialist

**ADB | Ministry of Infrastructure Timor-Leste**      **April 2011 to Now**

#### Responsibilities & Achievements:

- Installing and managing server hardware/software including Email, DNS, NMS, and Web Server of Ministries.
- Implementation of the FreeBalance New Government Resource Planning (GRP) System Software.
- Planning and implementing future IT developments for country network.
- Conduct trainings and support for IT Staff with varying levels of IT knowledge and competence.
- Managing and developing detailed implementation and up gradation plans for new and existing networks and services available in DNICT including Fiber Optic Networks, Wimax Networks, and other Networks that connected with DNICT.
- Providing cost effective IT solutions to business and management problems complying with industry standards.

### IT Specialist

**USAID | Firms Project.**

**Aug 2009 to March 2011**

#### Responsibilities & Achievements:

- Deployed Data Center as a key member of the team.
- Deployed and started HO & four remote offices from scratch.
- Responsible for long terms data communication strategy. Controls and monitors company's Data Communications Networks.
- Deployment of Video Conference/VoIP & managing them.
- Established, Configured & Maintaining Servers (DC, Proxy, File Server, DNS, Email, IAS, DB).
- Established wired & wireless network.
- Responsible for managing Cisco 3800 Routers, ASA 5500, CAT 4506, DL Series Servers, WiFi devices and other network equipment.
- Planned and implemented 2 way backup strategy using advanced tools available.

### Manager Networks

**T&N TECHNOLOGIES (Pvt.) Ltd.**

**Feb 2008 to April 2009**

#### Responsibilities & Achievements:

- Project Planning, Installation and administration.
- Reinstalled whole ISP infrastructure from scratch.
- Installation & Maintaining Email, DNS, Proxy, Web, PPPoE Servers Linux/Unix Environment.
- Monitoring and Troubleshooting Radio Links, Wireless Clients and various



Wi-Fi Hot Spots.

- Launched Wireless Broadband Service (PTP, PTMP) in Khurlianwala.

### **Senior System & Network Engineer**

**BLUE NET BROADBAND.**

**June 2006 to Feb 2008**

Responsibilities & Achievements:

- Installed **BRAS** on Cisco 7200 for PPPoE Services.
- Management of **Network & ISP Servers** in UNIX environment.
- Created Client Complaint Management System.
- Monitoring and Troubleshooting of Dial-Up Services.

### **Consultancy Services**

#### **Network Consultant**

**Fair Technologies (Pvt.) Ltd.**

**May 2009 to July 2009**

Responsibilities & Achievements:

- Management & Maintenance of Network & VPN Servers.
- Monitoring & Troubleshooting Radio/Fiber Links.
- Management of VoIP Switches & VoIP Servers.

### **Projects Undertaken**

- **Govt. College University Faisalabad (LAN/WLAN):** Successfully deployed LAN/WLAN solution for about 1500 Wireless Users & 3000 LAN users. Installed Billing System, Wireless Hot Spot with web based authentication, Cisco 3500 Series Routers & 2900 Series Catalyst Switches, Pix Firewall, Ruckus Wireless APs, Smart Bridge & OS Bridge for Wireless Links, Fiber Optic for Back haul connectivity in whole University Area.
- **JK Group Ltd (PTP Radio Link):** Successfully deployed 24 KM PTP (Point to Point) Wireless Radio Link form J.K head office to The J.K Spinning Mill. The client is enjoying up to 20 Mbps bandwidth on this link.
- **SERENA Hotels (Wi-Fi Hot Spot Zone):** We installed Wi-Fi solution in Serena Hotel Chain Pakistan using Smart Bridges. Hotel Guests and Staff can enjoy Wi-Fi services anywhere within the building.
- **Image Garments (Wireless Mesh):** We installed Wi-Fi mesh in 1 Km radius area for Image Garments. Users can use internet anywhere within that 1 Km area.
- Successfully deployed MAN (Metropolitan Area Network) for Image Garments between Image Garments Head Office to Image Garments Factory using DSL Broadband and Planet Wireless Equipment.
- **Faisalabad Dry Port Trust (PTP Wireless Radio Link):** We successfully deployed PTP (Point to Point) Wireless Broadband solution from T&N Head office to Faisalabad Dry Port Trust (distance 20KM) using Alcon 5.4 GHz equipment. They are enjoying 15 MB CIR bandwidth on this link
- **Faisalabad University (PTP Wireless Broadband):** We successfully



deployed PTP (Point to Point) Wireless Broadband solution from T&N Head office to The University of Faisalabad using Alcon 5.8 GHz equipment. The client is enjoying our broadband internet up to 2 MB CIR bandwidth on this link.

- **PC Performance LAN Setup/Upgrade:** Single handedly setup a LAN of 150 computers with Windows 2000 as the server Operating Systems and Win2k & WinXP Professional as Clients.

## Education

Virtual University, Lahore

**MIT (Masters in Information Technology)**

2010.

Corvit Systems,

**CCNA / CCNP (Advance Cisco switching, routing and security training)**

2011

Cisco Local Academy,

**CCNP (Cisco Certified Network Professional Training)**

2009

Diguim/Emergen Consulting (Pvt.) Ltd.

**Advance Asterisk Professional Training**

2009

Cisco,

**CCNA (Cisco Certified Network Associate)**

2008

Cisco Local Academy,

**CNAP (Cisco Network Academy Program)**

2008

Aptech Computer Education,

**MCSE (Microsoft Certified System Engineer Training)**

2007

Aptech Computer Education,

**RHCE (Red Hat Certified Engineer Training)**

2007

OSRC (Open Source Resources Center)

**Asterisk IP PBX**

2008

APNIC (Asia Pacific Network Information Center)

**IRME (Internet Resources Management Essentials)**

2008

