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Mustansir Yaqub

Objective

To make optimum use of my acquired competencies in the field of Information Technology, in order to bring about the best in a company's search for excellence.

Professional Experience

Total Experience: 5 Years

Jan. 2003 – To Date

Electronic Government Directorate - EGD (Islamabad – Pakistan)

Director Communications & Security

- ◆ Since the last two years, I have been involved in the whole project completion cycle, which involves preparation of project proposals in the form of PC-1 (planning commission official document), preparation of tenders and TORs (Terms of Reference), Evaluation of Bids, Tender awarding, Hiring of Project Staff, Project execution, Project Monitoring, Funds Distribution, allocation of resources, Project ending and closing of project accounts.
- ◆ Prepared the PC-1 for the following projects:
 - E-Services to Islamabad Police
 - E-Services to Chief/Deputy Commissioner office
 - E-services to Rawalpindi District Government
- ◆ Preparation of the PC-1 and PC-2 (feasibility report) for the Project of PKI (Public Key Infrastructure), which included Business plan and TORs
- ◆ Involved in the complete project execution cycle of the following projects:
 - Salary through ATM
 - Urdu Lexicon Project
- ◆ Worked out the concept paper for:
 - "Pension through Mobile ATM" project
 - "Utility Bills through ATM" project
- ◆ Played an important role in the development of the project "Less paper EGD"
- ◆ Involved in the designing of Email & Internet Policy for the Federal Government organizations. (Designing of Network Infrastructure, Departmental security Policy, categorization of Government Organizations)
- ◆ Studied the Procedures and work flow systems of various Government Organizations and suggested the ITC components (Hardware, Licensed Software and Customized applications) to automate these organizations.
- ◆ Detailed analysis of current Manual File systems of the Government offices to automate them
- ◆ Actively involved with the projects regarding Design of Network Security architecture (Firewall, IDS, Antivirus) and Network architecture (Switches, routers, DSL modems etc.) of Government Organizations
- ◆ Wrote a research paper on the translation of Government of Pakistan (GoP) official portal in Urdu
- ◆ Played an active role in the decisions involving the secure Network Infrastructure of the country, with ITI, PTCL, NTISB, NTC, MoIT and NESPAK.
- ◆ Actively contributed in the decisions involving the hosting/mirroring of the official portal of Government of Pakistan using CDN topology
- ◆ Gave some technical suggestions for the Law against Cyber Crimes, currently under discussion with Ministry of Law and cabinet division

Nov. 2002 – Jan. 2003 **National Institute of Facilitation Technologies - NIFT** (Karachi – Pakistan)

Network Specialist

- ◆ Documented the complete business plan for the project of PKI (Public Key Infrastructure)
- ◆ Initiated the Project of PKI for financial sector of Pakistan by NIFT
- ◆ Technical design for the PKI of Income Tax Department in Karachi (Online Tax Returns)
- ◆ Made a concept paper for digitally signing the images of Cheques provided by various banks to NIFT
- ◆ Implementation of LAN/WAN infrastructure of the company
- ◆ Took decisions regarding the purchase of all the necessary network equipment
- ◆ Configuration, maintenance and monitoring of Networking equipment
- ◆ Setting up of Network & Security policy for NIFT
- ◆ Close interaction with the end users of the company network

Oct. 2001 – Oct. 2002 **Services Plus Limited - SPL** (Glasgow – United Kingdom)

IT Manager

Worked on a number of different assignments which included:

- ◆ Worked out the IT Business policy of the company
- ◆ Detailed interaction with the corporate clients of the company
- ◆ Involved in negotiations with organizations of different categories to finalize the business deals. (E-Commerce based Projects, Deployment of internal and external Networks)
- ◆ Designing of web promotion policy, web maintenance policy and web security policy for clients
- ◆ Taking decisions regarding the purchase of all the necessary ICT equipment
- ◆ Setting up of Network policy of Services Plus Limited
- ◆ Implementation of LAN/WAN infrastructure of Services Plus Limited
- ◆ Implementation of IPSec, MPLS, IKE and PKI for the data client organizations
- ◆ Setting up of client server based networks (Windows 2K server, Win 2k Advance server, with clients on Windows XP pro, Windows 2000 pro)
- ◆ Setting up of Intrusion detection software, firewalls and antivirus on client machines (Norton ISS, MacAfee ISS, Cisco IOS)
- ◆ Providing Complete Network Solutions (LAN/WAN/MAN) to the Clients

Apr. 2001 – Sept. 2001 **InfoVista** (Paris – France)

Vista View Developer

Involved in the Installation and Configuration of all the Info Vista Products, which include:

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|-------------------|-------------------|
| ◆ Vista Collector | ◆ Vista Views |
| ◆ Vista Portal | ◆ Vista mart |
| ◆ Vista Plug-Ins | ◆ Vista Collector |

Developed SLR (Service Level Reports) of Cisco VoIP Devices (AS5XXX) and Cisco IPSec Equipment. Worked in detail with:

- | | |
|-----------------------|---------------------------------------|
| ◆ VoIP Gate ways. | ◆ MIBs (Management Information Basis) |
| ◆ VoIP Protocols. | ◆ Setting up of VPN. |
| ◆ Cisco Call Manager. | ◆ Implementation of IKE & PKI. |
| ◆ Cisco Works. | |

Jun. 1998 – Aug. 1998 **Askari Information Systems - AIS** (Islamabad-Pakistan)

Software Developer

Worked as a team member on a project of "Activity Management System" including:

- ◆ Feasibility study
- ◆ Project designing

My portion was carried out in Visual C++.

Skills and Interests

Provision of complete IT solutions (IT Business Policy, LAN/WAN, Network Architecture, Internal System Analysis, Server Sizing, Software costing, WEB site development, Promotion and Maintenance) to organizations, LAN & WAN Protocols, Network Security policies and their implementation, Routers, Firewalls, Intrusion Detection systems (IDS), Intrusion prevention system (IPS), Mobile Communications, LMDS, ATM & Multi layer Switches, Hubs, Bridges, SNA, VoIP, IPv6, VPN, IPSec, MPLS, Fire Wall 1, Pix Fire Wall, Implementation of IKE & PKI, Server sizing and software costing for large organizations.

Programming Languages

C, Visual C++, Verilog HDL, HTML

Operating Systems & Applications

InfoVista, HPOpen View, Cisco IOS, Check Point, Cisco Works 2000, Cisco Call Manager, Windows 3.x, 9x, 2000, XP, Win 2000 & 2003 server, Active Directory design and implementation, UNIX, LINUX (red Hat), Exchange 5.5/2000.

Networking Protocols

EIGRP, BGP, IGRP, RIP, OSPF, TCP/IP

Security Protocols

IPSec, IKE, PKI, MD5, DS, 3DS, HASH

Education

2000 - 2001 **Masters in Computer Networks (DESS Téléinformatique)**

Paris 6. Université Pierre et Marie Curie, Paris, France.

1996 - 1999 **B.E Computer Engineering**

National University of Sciences & Technology (NUST), Rawalpindi, Pakistan

1993 - 1995 **F.Sc (Pre-Engineering)** - Government College Lahore

1990 - 1993 **Matric** - Cadet College Hassanabdal

Professional Qualifications and courses

June 2000 **CCNA**
CCNA (Cisco Certified Network Associate)

Islamabad, Pakistan

May 2001 **InfoVista Training Course**
Customizing IV 2.1

Paris, France

April 2002	Investor in People (IIP) Leadership and Management Model Course	Glasgow, UK
Aug 2003	E-Commerce Trends A course arranged by World Bank covering various aspects of E-commerce in world.	Islamabad, Pakistan
Sept 2003	CSPFA Cisco Secure Pix Firewall Advance	Islamabad, Pakistan
Nov 2003	Information Security Management A course arranged by LMK Resource covering various aspects of security in IT.	Islamabad, Pakistan

Languages

Trilingual: Fluent in English, French, and Urdu.

Awards & Achievements

- ◆ Received scholarship sponsored by Government of France and Ministry of Science and Technology to do Masters of Computer Networks in France
- ◆ Won a DELL notebook from DELL and Microsoft on solving a quiz relating to various Windows technologies
- ◆ 3rd Best Athlete in Cadet College Hassanabdal
- ◆ Champion Draughts, First in Long Jump & Triple Jump (Cadet College Hassanabdal)
- ◆ Mr. Common Room in Government College Lahore
- ◆ Champion Draughts, Runners- up Chess, First in 100 Meters & 200 Meters (Govt. College Lahore)
- ◆ Captain of House Cricket Team in College of EME

Major Projects during Internships and education

1. Designing of a WAN for the Pakistan Meteorological System
2. Migration of Win 9x to Win 2000
3. Implementation of Ipv6 on a Linux based Local area Network
4. Parallel & Distributed Computing System Development, (Visual C++)
5. Service Level reporting of Cisco VoIP & IP Sec Devices

Activities

Actively worked as a member of "AFAC" (in Paris, France) which is an organization based on promoting French and Pakistani friendship ties