

### Personal Details

**Primary Email** sajjad@sajjadzaidi.com  
**Mobile/Home Tel.** +92 (333) 5140216

### Objective

To utilize my technical and project management experience in working for an organization that utilizes cutting-edge technology in providing secure and robust solutions.

### Achievements

- Implemented country-wide migration of Dancom's NOC department to Linux for desktop use
- Designed and implemented a distributed LDAP-based email system for Dancom with advanced anti-spam features
- Oversaw implementation of ISO-9000 certification for Cogilent Solutions' Network, Systems and Support department
- Author of Pylogger, an application for web logging (blogging) that supports templates, comments and various other features
- Author of PyKey, secure passphrase generator
- Creator and webmaster of netutils.net, a site for web-based network utilities and resources
- Managed the deployment of a customized web-based email system for the Pakistan Army
- Setup email virus detection systems while at Vanguard K.K. and Dancom Online Services
- Wrote and managed part of the Mojo software build system at Vanguard K.K.
- Setup a new email system and coordinated a live switchover to it for Digital Garage, Inc.
- Created scripts to monitor Internet connectivity and load balance traffic between different connections at iinix Solutions
- Obtained Red Hat's **Red Hat Certified Engineer** certification while in Japan

### Employment History

<b>Dancom Online Services</b> (Broadband ISP) – Islamabad, Pakistan	<i>Asst. Manager Systems/NOC Head - April 2006 till present</i> <ul style="list-style-type: none"><li>• Country-wide head of systems</li><li>• Hiring, training and team building of systems resources</li><li>• Admin head of Network Operations Center for North Zone</li></ul>
<b>Cogilent Solutions</b> (VOIP/Mail/Networking Solutions) – Islamabad, Pakistan	<i>Manager Operations – November 2005 to March 2006</i> <ul style="list-style-type: none"><li>• Management of network and system projects</li><li>• Streamlining development and distribution processes for network products</li></ul>
<b>Dancom Online Services</b> (Broadband ISP) – Islamabad, Pakistan	<i>Assistant Manager Systems - July 2004 to September 2005</i> <ul style="list-style-type: none"><li>• Management of the company's Linux &amp; Solaris servers</li><li>• Technical assistance to clients and billing software issues</li></ul>
<b>iinix Solutions</b> (Software Services) - Islamabad, Pakistan	<i>Manager Technical – July 2003 to April 2006</i> <ul style="list-style-type: none"><li>• Deciding authority on all technical issues</li><li>• Played a significant part in corporate decision making</li><li>• Deployed a customized email system for the Pakistan Army</li></ul>
<b>Digital Garage, Inc.</b> (Software Integrator) - Tokyo, Japan	<i>System Administrator - January 2002 to June 2003</i> <ul style="list-style-type: none"><li>• General system and network administration including various servers, security and Internet connectivity</li><li>• Management of client and company servers</li></ul>
<b>Vanguard K.K.</b> (Software Developer) - Tokyo, Japan (acquired by Digital Garage, Inc. in January 2002)	<i>System/Network Administrator - July 2000 to Dec 2001</i> <ul style="list-style-type: none"><li>• General system and network administration and security</li><li>• Building, testing and installation of product and accompanying packages</li></ul>
<b>VCN</b> (Computer Hardware Vendor) - Tokyo, Japan	<i>Hardware Engineer - September 1998 to June 2000</i> <ul style="list-style-type: none"><li>• Did setup and repair of laptops, workstations and servers</li></ul>
<b>BIGTech</b> (Office Hardware Supplier) - Islamabad, Pakistan	<i>Hardware Engineer - October 1997 to August 1998</i> <ul style="list-style-type: none"><li>• Computer assembly and support</li></ul>
<b>Info Vest Pvt. Ltd.</b> (Futures trading company) - Singapore	<i>Trade Engineer - December 1995 to September 1996</i> <ul style="list-style-type: none"><li>• Commodities market analysis using Knight Ridder software</li></ul>

## Technical Skills

### Operating Systems and Distributions:

- Advanced experience with Red Hat (including RHEL, CentOS and Fedora), Slackware and Debian Linux

### Network Apps:

- Advanced user of Secure Shell (ssh,scp,sftp)
- **MRTG** and **SNMP** for switches, routers and dslams
- **Squid** proxy server setup, optimization and maintenance
- Web servers such as **Apache**, **Tomcat** and Resin
- Standard services such as DNS, SMB, NFS and DHCP

### Security:

- Software (iptables, ipchains) and hardware firewalls
- PGP encryption and signatures

### Programming:

- Fluent in Python, Perl and Bash scripting
- Have worked with gcc and javac compilers
- Building of simple to complex development environments with tools such as CVS, Bugzilla and SourceForge
- Currently writing CMS in Python

### System:

- Good knowledge of Linux kernel configuration
- Excellent knowledge of Linux file systems

### Databases:

- Extensive experience with **PostgreSQL** and **MySQL** on Linux and Solaris

### Hardware:

- Local Area Networks (LAN), 802.11b/g Wireless LANs
- Basic knowledge of DSLAMs and Cisco routers
- Installation and maintenance of servers at hosting centers
- Cobalt server deployment

- **Solaris** administration (Solaris 8, 9, 10 on SPARC and Intel)
- NetBSD, FreeBSD and various other UNIX flavors

- Advanced spam/virus protection, virtual host setup and database authentication using **Exim** (Linux and Solaris)
- Experienced with Qmail, Sendmail and Postfix MTAs
- **Mailman**, mluser and smartlist mailing list softwares
- Linux clustering using Mosix
- Asterisk Setup

- Experienced with tools such as Tripwire, Snort and Nmap
- Have written scripts for easier maintenance of the above

- Have customized Mailman, the mailing list software
- Have written analyzers for Apache log files
- Writer of a web/console password application (**PyKey**)
- Creator of **Pylogger**, a web-logging application

- Software and Hardware RAID (levels 0, 1 and 5)
- Backups (Bru, tar and custom scripts) and data recovery

- Oracle and Sybase (12.5) installation on Linux & Solaris

- Building systems from scratch and hardware troubleshooting
- Setup of Dialogic (Intel) fax boards
- Optimization of server hardware for the required tasks

## Other Activities

**Tokyo Linux Users Group** - Tokyo, Japan

*Lead Sys Admin (voluntary) - Jul 2002 to Jun 2004*

- In charge of general security and administration of server.

**Tokyo PC Users Group** - Tokyo, Japan

*Webmaster Committee (voluntary) - Jan 2000 to Jun 2003*

- Decisions regarding the group's website and server
- Everyday server maintenance

## Languages

**English**

*Fluent in both written and spoken*

**Urdu**

*Fluent in both written and spoken*

**Japanese**

*Conversational and some reading skills*

**German**

*Basic knowledge. Introductory course at National University of Modern Languages (NIML), Islamabad*

## Hobbies and Interests

Snowboarding, swimming, martial arts, hiking, movies, traveling, blogging and reading

## References

- Tim Romero, President, Vanguard KK (Japan)
- Shiraz Malik, Manager Countrywide Network Operations, Dancom Online Services (Pakistan)
- Nadir Minhas, Manager Business Development, Pak Net Internet Services (Pakistan)

*Further references available upon request*