

# Javed Ahmad

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## Summary

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**15+** year's extensive experience in the field of Computer teaching, Analysis of research work, System/Network Administration of Cisco, Linux and Microsoft Systems including LAN & WAN technologies;

- Excellent knowledge about computer management training courses.
- Excellent Computer, interpersonal and teaching skills
- Excellent knowledge to lead the technical and operation team
- Hands on experience on Linux, windows and Cisco base environment.

## Technical Skills

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### Teaching Area

- Key role for analysis of research work using SPSS and computer applications.
- DEM base analysis of imagery using remote sensing and GIS.
- Instruct students on basic computer skills including Microsoft Office, Windows and Internet.
- Develop the understanding about computer operation and concepts.
- Develop the strategy for computer management courses
- Providing training about the computer networks, and its tools
- Assist students in data analysis of thesis and its interpretations.
- Assist students in homework assignments, skills development, and career counseling

### Strong knowledge on Linux base environment

- Deployed GIS & SPSS on Linux environment
- Mail server (Q-mail, Postfix), Squirrel Mail
- Install and Configure Linux as Domain Controller (SAMBA)
- Domain Name Server(BIND), Dynamic Host Configuration Protocols(DHCPD)
- POP3,IMAP Server (dovecot), Squid Server, NFS ,FTP Server (VSFTPD)
- Web Server(Apache), Implement Quota, Logging Server

### Excellent working knowledge on Microsoft base environment

- Windows server 2008, Active Directory Installations, Configuration and Management
- MS Exchange Server Installations, MS ISA Server Configuration and Management
- Hands on experience on Structured Cabling ,Infrastructure and design
- Installed Configured Sonic Firewall, Panda Gateway Defender and Trend micro antivirus suite.
- Strong knowledge of Cisco Routers and Switches Configurations

## Research Work: International/National Journals

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- **Publication-1** Dem Based Analysis of Neotectonics in Hindukush (N. Pakistan) 2016
- **Publication-2** Spatiotemporal Monitoring of Urban Sprawl and Its Impact Assessment in District Sheikhpura-2016
- **Publication-3** Evaluating the Potential Hydropower Dam Site Using RS/GIS Techniques: A Case Study of Neelum Basin-Pakistan
- **Publication-4** (Review of Body Area Network Technology & Wireless Medical Monitoring) (International Journal of Information and Communication Technology Research)

## Professional Certification

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- **RHCT** (Redhat Certified Technician) **Certificate #:** 604005786495875  
<https://www.redhat.com/training/certification/verify/>
- **CCNA** (Cisco Certified Network Associate) **Certificate #:** 384314584450EMVF  
<http://www.ciscocertificates.com/verify.cfm>
- **MCP, MCSA, MCTS (Microsoft Certifications)**



## Professional Experience

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**LECTURER (UNIVERSITY OF THE PUNJAB)**

**(JANUARY 2011 – TO DATE)**

**Institute Profile:** Institute of social & cultural studies (**ISCS**) is a student-centered and research oriented institution. It offers range of high quality educational programs at undergraduate and postgraduate levels.

### Responsibilities:

I am participating in research work and teaching the following courses;

- SPSS (Statistical Package for Social Sciences)
- CA (Computer Application)
- IC (Introduction to Computer)
- GIS (Geographic Information System)

### Administrative Tasks:

- Focal person of prime minister's laptop Scheme
- Focal person of PHEC Split-PhD program as per MoU with Punjab University.
- Focal person of student's record management system to enter data of enrolled students.
- Focal person of Teacher's evaluation.
- Program Coordinator of MSc Criminology & Security Studies.
- Managed/developed department's website, [www.iscs.edu.pk](http://www.iscs.edu.pk)
- Designing and Preparing a new department's prospectus for every academic year.
- Facilitate the students for licensed Softwares and technically help them.
- Responsibilities to manage all the information technology's related activities in the department including IT's infrastructures.

**VISITING LECTURER (UNIVERSITY OF THE PUNJAB)**

**(AUGUST 2008 – AUGUST-2014)**

**Company Profile:** Punjab University College of Information Technology (**PUCIT**) is leading the Nation in IT Education; PUCIT is the largest institution of higher learning in Information Technology and Software Engineering.

### Responsibilities:

I was teaching the following computer science courses as a visiting lecturer at PUCIT.

- IAP (Internet Architecture and Protocols)
- NMA (Network Management and Administration)
- NDM (Network Design and Management)
- SA (System Administration)
- LBSM (Linux Base System Management)
- CCNA (Cisco Certified Network Associate)
- MCSE (Microsoft Certified System Engineer)

**NETWORK MANAGER****(JANUARY 2009 – DECEMBER 2010)**

**Company Profile: Eways Consultants** was providing network solutions, technology deployment and services to customer for their smooth computer network operations.

**Responsibilities:**

- Establishes network specifications by consulting with customer.
- Establishes network by evaluating network performance issues including availability, utilization, throughput, and latency, installation, configuration, and testing of equipment.
- Defining network policies and procedures; establishing connections and firewalls.
- Maintains network performance by performing network monitoring and analysis.
- Prepares users by designing and conducting training programs; providing orientations and support.

**IT ENGINEER****(MARCH 2008 – APRIL 2009)**

**Company Profile: SAMAA TV** is the world leading news channel in Pakistan, it is sister concern company of CNBC Pakistan.

**Responsibilities:**

- Lead the Network support Team at Lahore bureau.
- Manage the domain controller and file servers.
- Responsible for client relationship management and user's satisfaction
- Supervision of new equipment installations, support, troubleshooting, upgrades and maintenance.
- Install, configure, monitor, administrate and troubleshoot network setup of Samaa Lahore.
- Providing support & training of ENPS.
- Install and configured Sonic Firewall for connectivity with head office.

**SR. NETWORK ENGINEER****(FEBRUARY 2006 – JUNE 2007)**

**Companies Profile: [Systems Limited](#) – CMMI Level III Certified** was established as the first software house and computer services bureau in Pakistan, in 1977. Since then it is providing effective computing strategies and solutions to business and government and playing a major role in some of the largest IT projects in the country

**Responsibilities:**

- Lead the Network Support Team of 8 members for user support of more than 400 computers.
- Supervision of new equipment installation, support, troubleshooting, up gradation and maintenance.
- Managing and monitoring connectivity between four physical site offices across Lahore and Karachi for incoming and outgoing traffic.
- Managed a network of around 400 nodes and 25 different servers of heterogeneous environment (Linux and Microsoft base) hosted across Lahore, Karachi and the USA.
- Remote connectivity of mail servers of three offices.
- Make proper backup policy and disaster recovery plan.
- Install and configure Ms Exchange server on remote machines and also configure routing group connectors.

**SR. NETWORK ADMINISTRATOR/NETWORK TRAINER****(JUNE 2001 – FEBRUARY 2006)**

**Companies Profile:** [University of Management & Technology](#) (UMT) is a Leading Computer & Commerce University in Lahore. It is a Project of ILM (Institute of Leadership and Management) trust.

**Responsibilities:**

- Take the computer network classes to train the staff members and students how to use the network, Internet and file server.
- Install, configure, monitor, administrate and troubleshoot the LAN and WAN setup of UMT and as well as to Handle the Cisco Lab.
- Install and configure Linux as Domain Controller (Samba), Mail Server, NIS, Linux Database (Oracle) Server, FTP, Web Server (Apache), Quota Server and Squid (Proxy) server.
- To Install and manage Sun Solaris for Intel Platform.
- Install, configure, manage, monitor and troubleshoot multi domain network of Windows 2k, 2k3.
- Managed Web Server, FTP Server, MS SQL server, Print Server and using printing management software, MS ISA server and antivirus Server.
- Configured and Managed Cisco Lab through 2500, 2600 series Routers and Switches like 1900, 2950.

**LAB ADMINISTRATOR****(JUNE 01, 1999 – JUNE 2001)**

**Companies Profile:** **System International** was an Institute of Information Technology and Business Management, it was providing certification/training of Computer network, Oracle, Java certification and other computer programming courses in Faisal Town, Lahore.

**Responsibilities:**

- Installed and configured a network of computer lab.
- Configured win proxy server to share internet for the students of this institute.
- Installed, configured, managed, and monitored the domain network with window NT 4.0 and Novel netware.
- Configured the print server and Antivirus Server to secure the network.
- Installed the different programming software to meet the requirement of trainings.

**Education**

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**MPhil in Computer Science****BSCS** (Bachelor of Science in Computer Science)**Personal Details**

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Date of Birth : 10<sup>th</sup> March 1979

Address : Room#08, BMT Faculty Hostel, University of the Punjab, New Campus