

FARIHA ZULFIQAR

Current Address: Multan, Pakistan

E-mail: fariha.zulfiqar@wum.edu.pk

Religion: Islam

Country of Origin: Pakistan

Country of Stay: Pakistan

Voice: (+92)3320708716

Languages: Reading, Writing, Listening, Speaking: Urdu, English, Punjabi, Siraiki

Career Objective

With a focus on continuous learning and professional growth, I aspire to stay at the forefront of emerging and leading tech giants and technologies, collaborate with industry leaders, and make meaningful contributions to the structure, and advancement of technology in society, ultimately leaving a lasting impact on the field and the world. I aim to inspire and motivate myself and my teams to foster a collaborative, positive and innovative work culture with the objective of obtaining a leadership position where I can leverage my technical and personal skills, experience, and passion to drive organizational success.

Academic Background

PhD (Computer Science) University of Malaya, Malaysia	[2017 – Contd.]
MS. Engineering Management (Quality/Project Management) University of Engineering and Technology, Taxila, Pakistan	[2006 - 2008]
BSc. Computer Science Allama Iqbal Open University, Islamabad, Pakistan	[2000 – 2005]
IELTS (7.5 Band) British Council	[2011]

Work Experience

[Oct, 2025 – Till date)

1. The Women University, Multan, Pakistan.

Position: Lecturer (Computer Science & Information Technology)

Major Responsibilities:

- Instructing Computer Science and Information Technology subjects to diploma, bachelors and masters classes.
- Ensuring smooth working of computer networks and systems within the institute.
- Designing and teaching the course contents approved through the designated Board of Studies (BOS, WUM) and the Higher Education Commission of Pakistan.
- Co-curricular activities and societies management, Member of The Women University Multan's Convocation and Conference Management Committee.
- Student Records keeping and management, weekly/monthly parents-faculty and official meeting management and coordination regarding academic and administrative updates.
- Head of student's final year project committee.
- Evaluation and assessment of the student for special awards/scholarships.
- Student career counselling, personal and professional grooming.

2. The Women University, Multan, Pakistan

[Sep 2015 – Feb 2017]

Position: Lecturer (Computer Science & Information Technology)

Major Responsibilities:

- Instructing Computer Science and Information Technology subjects to diploma, bachelors and masters classes.
- Responsible for arrangements and management of computer labs, computer skill education, and development within the sector.
- Ensuring smooth working of computer networks and systems within the institute.
- Handling Server-Client Environment as Computer Lab and Network Administrator
- Designing and teaching the course contents approved through the designated Board of Studies (BOS, WUM) and the Higher Education Commission of Pakistan.
- Co-curricular activities and societies management, Member of University Convocation Management Committee.
- Student Records keeping and management.
- Weekly/monthly parents-faculty and official meeting management and coordination regarding academic and administrative updates.
- Evaluation and assessment of the student for special awards/scholarships.
- Student career counselling, personal and professional grooming.
- Institute timetable management (Design and Implementation)
- Examination In-charge (Member committee)

3. Huawei Technologies, Pakistan

[Sep 2008 – Sep 2009]

Position: Coordinator P&C Ufone Project South region

Major Responsibilities:

- Responsible for planning all the project departments including BSS, MW and Civil Works.
- Preparing the smart and applicable monthly plan (Keeping the previous history of site reports).
- Arranging weekly/monthly meetings with the project team and customer to review weekly progress and observe the project's weak points.
- Updating the plan according to customer requirements and updating all the attached activities according to new requirements.
- Analyse the results of the activities to discover more efficient ways to utilize the given resources.
- Collecting reports on a daily basis and escalating the project progress report to higher management.
- Ensuring supposed plan, activities to departments/ teams and timeline commitments.
- Liaising with senior managers to ensure that staff in the unit have the appropriate equipment and job fulfilment.
- Working/supporting as a team player in a harmonized manner.

4. Centre for Advance Studies in Engineering (C@SE), Islamabad

[Feb. 2007 – May 2008]

Research Assistant to the Chairman Department of Engineering Management

Major Responsibilities:

- Designing documentation of management trainee organization.
- Publishing media presentations of non-profit organizations.
- Designing the course material and lectures on project management for Virtual University Pakistan.
- Aiding in quality improvement techniques for the Pakistani industry (Service/Product Quality).
- Strategic planning for the governance sector.

5. NESCOM, Islamabad

[April 2007]

Project Management Trainee

Major Responsibilities:

- Comprehensive training which has covered the following major areas.
 - Resource Management (time, quality, and finance)
 - Process Management
 - Business Management

Professional Projects:

- Low-cost smart electric wheelchair
 - Got business project accepted as an entrepreneur under “National Incubation Centre – Cohort 9” for a “low-cost, smart, inclusive and flexible/light-weight wheelchair for differently-abled persons”.
- Microsoft Office Specialist (Word, PowerPoint and Excel) Expert Training
 - Arranged and conducted training and examination of MOS Expert (Word, PP, and Excel (2016)) for Multan region under the Higher Education Commission, Pakistan.
- Sunflower Solar Panel System
 - Local project on highly efficient Sunflower solar panel system for smart, efficient, green energy acquisition, especially for remote areas.
- School Plan and Implementation
 - Developed a junior school named “Ummul Qura” with a comprehensive curriculum design, emphasising experience-based (theory and skill-based) learning with experiential learning opportunities and a unique assessment and parental engagement system.
- Performance improvement plan
 - Performance improvement plan through business process re-engineering for small business organizations in Pakistan. (A case study held at “Shah Sons Pvt Ltd” Industrial Estate-Multan).
- Quality analysis and improvement issues in Industry
 - “Impact assessment of SPC tools on quality improvement”: A business process and quality improvement study conducted at Silver Lake Foods (Pvt.) Ltd. Hattar industrial state, Haripur, N.W.F.P. Pakistan.
 - Quality Improvement Plan Implementation at Silver Lake Foods (Pvt.) Ltd. Hattar industrial state, Haripur, N.W.F.P. Pakistan.
 - Reported on “Quality decreases the cost of production and service provision, regains its capital investment in the long run and provides long-term stability of business” – A case study conducted through the assessment of the cost of quality and legal conflict between PTCL and CyberNet (2007).
 - Worked on the “Special Topics in Quality Management” at C@SE with Gen. Rtd. Salim-ud-Din Quality improvement specialist.
- Online Information System
 - Developed a complete online billboard (web system design and implementation) for The Department of Languages (English), Bahauddin Zakariya University, Multan, Pakistan.

Research Work: (Publications)

- Computer Science (Digital Image/Text Forensics)
 - Paper: 1
Title: Deep Learning-based Breast Cancer Classification through Medical Imaging Modalities: State of the Art and Research Challenges
<https://link.springer.com/article/10.1007%2Fs10462-019-09716-5>
 - Paper: 2
Title: Renal Cancer Cell Nuclei Detection from Cytological Images Using Convolutional Neural Network for Estimating Proliferation Rate
<http://journal.utem.edu.my/index.php/jtec/article/view/4736>
 - Two more research papers are submitted and are under reviewing process.
- Engineering Management (Quality/Process)
 - Paper 3:

Title: An Integrated Framework of Productivity Management /PIPs Through Conceptual QFD Modeling for High-Performance-Manufacturing Systems: 360o BSC Perspective
<http://iiste.org/Journals/index.php/EJBM/article/view/35322>
<http://iiste.org/Journals/index.php/EJBM/article/view/35322/36344>

○ **Paper 4:**

Title: Impact Assessment of SPC Tools on Quality Improvement in Pakistani Industrial Environment: A Dynamic Case Study
<http://iiste.org/Journals/index.php/IKM/article/view/35369>
<http://iiste.org/Journals/index.php/IKM/article/view/35369/36394>

○ **Paper 5:**

Title: An Integration of Kano Model, QFD and Six Sigma to Present a New Description of DFSS
<http://iiste.org/Journals/index.php/EJBM/article/view/35746>
<http://iiste.org/Journals/index.php/EJBM/article/view/35746/36758>

Professional Skills:

- Microsoft Office Specialist (MOS) + Trainee for Multan region under HEC (The WUM, Multan, Pakistan)
- Primavera (Specialized Software for Project Management)
- Microsoft Project 2003/2016, Visio 2016.
- Language: C/C++, JAVA, Python, MATLAB, JS, ASP
- Operating System: Windows & Linux
- Databases: SQL, Oracle, MS Access
- Software: Microsoft Office
- Graphics: Adobe Photoshop, Flash, Coral Draw

Personal Skills & Qualities:

- Planning, organizing, leading & controlling skills.
- Excellent presentation and communication skills.
- Can handle diverse and challenging tasks in team-environment and independently.
- Good analytical, observation and research skills.
- Team building & target-oriented qualities.
- Ability to work as a team leader in target based / special projects.
- Ability to work under stress & pressure.
- Passionate for the services, optimistic & dynamic in professional environment.

Major Achievements:

- Higher Education Commission, Pakistan, scholarship holder for higher education (MS leading to PHD).
- Civil-defence trained volunteer
- Women Self-defence course certified (Islamabad Capital Territory Police, Pakistan)

Personal Interests:

- Research & innovation, Reading, Cooking, Swimming, Competitive & analytical games, Adventure travelling.

Personal skills/qualities:

- Planning, organizing, leading & controlling skills.
- Excellent presentation and communication skills.
- Can handle challenging task in group and independently.
- Good analytical, observation and research skills.
- Team building & target-oriented qualities.
- Ability to work as team leader in target based / special projects.

- Ability to work under stress & pressure.
- Passionate for the services, optimistic & dynamic in professional environment.

Major Achievements:

- Higher Education Commission, Pakistan, scholarship holder for higher education (MS leading to PHD).
- Civil defence trained
- Women Self Defence course certified

Skills:

- Excellent explanation and convincing skills
- Good communication skills
- Computer savvy
- Aware about the various teaching and training techniques
- Excellent verbal and written skills
- Enthusiastic and hard working

Reference:

Relevant references shall be provided on request.