

# SHER JEEL AHMAD

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## Personal statement

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To work in an organization that does the work that challenges my skills and abilities, where I can see my passion for Information Technology being fulfilled and that provides me the opportunities to learn new things and for progressing in my career.

## Key Skills

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**Proficient Languages:** C#

**Languages Familiar:** C++, PHP

**Databases:** MySQL, Oracle Database 10g, SQLite3

**Libraries and Frameworks:**

**Web Application Framework:** ASP.NET MVC

**Java:** Android Application Development

**JavaScript:** D3.js

**IDE's:** Visual Studio 2017, Android Studio, Adobe Dreamweaver

**Software Engineering:** UML Modelling and Documentation, Scrum and Extreme Programming, Software Requirement Engineering

## Employment History

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### **Consultant Covid MIS, Chemonics International. , Islamabad Pakistan**

*(August 2021 – December 2022)*

Achievements and responsibilities:

- Working on USAID Global Health Supply Chain Program – Procurement and Supply Management Project (GHSC-PSM).
- Strengthen and implementation of the COVID Information Systems at Federal, Provincial and District Levels.
- Provide technical support to COVID Information Systems' end users and stakeholders.
- Support preparation of distribution plan and arranging inland transportation of COVID commodities from Central warehouses to related Warehouses. Ensure the supplies are received on the locations and timely data reporting in the information system(s).
- Generate COVID MIS based analytics reports for streamlining the commodities demand & supply to avoid any shortage of stocks.
- Working on COVID commodities demand to avoid any stock outs.
- Capacity building / training to COVID-19 LMIS data entry in the respective regions
- Develop and document new requirements, enhancements, and support tickets. Coordinate with PSM MIS team to prioritize the tasks and get it implemented in the system.

### **PHP Developer, MicroMerger (Pvt.) Ltd. , Islamabad Pakistan**

*(July 2021 – September 2021)*

Achievements and responsibilities:

- Working on Covid Inventory Management System (COVIM).
- To solve the real time issues and maintenance of the COVIM.
- COVIM System real time issues are directed and resolved.
- Gap Analysis of the system for early bug detection.
- COVIM Android Application is also in progress for new features implementation.
- COVIM Query generation system is used to redirect it to resolve the issues in real time frame.
- Flagging and prioritization Query and real time issues.

## **Lecturer, CS Department, City University, Peshawar Pakistan**

*(October 2019 – August 2021)*

Achievements and responsibilities:

- I have delivered various courses as mentioned below
- Software Design and Architecture
- Introduction to Computing
- Fundamentals of Programming
- E-Commerce
- Management Information System
- Software Engineering Economics
- Business Process Engineering
- Software Project Management
- Professional Practices
- Software Verifications & Validation
- Object Oriented Software Engineering
- Other than courses I also have an additional responsibility of Final Year Project Evaluation as a member of Final Year Project Defence Committee.

## **Software Developer, ITWALAY, Islamabad Pakistan**

*(January 2016 – September 2017)*

Achievements and responsibilities:

- At ITWALAY, I was hired as Trainee Software Engineer.
- After my Probation period I was promoted to Junior Software Engineer.
- Worked on numerous Government projects.
- Dynamic website for Mansehra Development Authority.
- Plots Management System.
- On these projects, I worked as software developer
- The maintenance of these above-mentioned projects was also assigned to me

## Education

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### University of Hull

*(September 2017 – July 2019)*

University of Hull, Yorkshire, England

- **MSc Computer Science (Software Engineering)**

### COMSATS University Islamabad

*(September 2012 – June 2016)*

COMSATS University, Islamabad, Pakistan

- **Bachelor of Science in Software Engineering**
- **Percentage: "68%"**

### Institute of Computer and Management Sciences

*(September 2010 – June 2012)*

Institute of Computer and Management Sciences, Peshawar, Pakistan

- **Higher Secondary School Certificate**
- Marks: "828/1100" Grade: "A" Percentage: "76%"

## Hobbies & Interests

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- **All Pakistan Math Lover Competition (2<sup>nd</sup> Position in KPK)**
- **SAP Awareness Program:**  
Attended "SAP" Awareness Seminar held at "COMSATS UNIVERSITY ISLAMABAD PAKISTAN"
- **IT Conference:**  
Attended "IT CONFERENCE" held at "Serena Hotel Islamabad Pakistan" in 2013
- **IEEE Standard Conference:**  
Attended IEEE Standard Conference 2015 held at "COMSATS UNIVERSITY ISLAMABAD PAKISTAN"
- **Member:**  
Member of "Traverse Pakistan"
- **ACM (Association for Computing Machinery):**  
Social Media Coordinator at ACM (Association for Computing Machinery) since 2013
- **Programming**
- **Net Surfing**
- **Computer games**

## Overall Projects

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- Patient Track Ware Project
- Tescripta Project For Maintaining Large Software Systems
- Programming a Windows Sandbox
- Laboratory Security Survey in Sandboxing
- Trustworthy Computing Project “PayPal integration with sandboxing environment”
- Distributed Application “Transcript Application for University of Hull”
- Incorporating Virtual Reality (VR) Technology into Fire Training
- Information System for Student Administration
- Simple Virtual Machine
- Official Website for Govt sector in Pakistan
- Official Land Records System for Govt sector in Pakistan

## Research Projects

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### “Link Prediction Using Double Degree Equation with Mutual and Popular Nodes”:

“Link Prediction Using Double Degree Equation with Mutual and Popular Nodes” has been published in the 1st workshop on leveraging customer behavior using advanced data analytics and machine learning techniques. It was the part of 9th World Conference on information systems and technologies.

It has been Published in a book

“Trends and Applications in Information Systems and Technologies, Volume 4” (Springer, Page 328).

- Book Author: Alvaro Rocha
- Publisher: Springer Nature
- ISBN: 3030726541, 9783030726546

<https://books.google.com.pk/books?id=jj8mEAAQBAJ&lpg=PA328&dq=Link%20Prediction%20Using%20Double%20Degree%20Equation%20with%20Mutual%20and%20Popular%20Nodes&lr&pg=PA328#v=onepage&q=Link%20Prediction%20Using%20Double%20Degree%20Equation%20with%20Mutual%20and%20Popular%20Nodes&f=false>

## Supervision Projects

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- 9 projects of BS Degree (16 Years) as Supervisor
- 1 project of MS Degree (18 Years) as Co-Supervisor