Muhammad Umer Mujtaba

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EDUCATION

University of Central Punjab, Lahore   March 2020-Feb 2024

- Bachelors of Science in Software Engineering, **Major:** Computer Science, Software Quality Engineering, Operating System, Software Project Management

Punjab Group of Colleges, Lahore   Oct 2017-Oct 2019

- Intermediate in F.Sc Pre-Engineering

ACADEMIC PAPERS AND PROJECTS

- **Furniture shop website**
  Implemented HTML, CSS and Bootstrap for creating reactive frontend of a website of a furniture showroom.

- **Hospital management system**
  Beginner level Management system using MYSQL, PHP along with the Entity Relationship (ER) Diagrams.

- **Restaurant application prototype**
  Designed UI/UX of the application as a term project using framework tool to optimize maximum usability and user satisfaction, ensuring a positive user experience from start to finish.

- **ATM machine using OOP concept**
  Used inheritance, abstraction and polymorphism for this project and user validation to create a highly modular and scalable system

- **Inventory management system**
  Prepared a complete SRS document for this system including UML diagrams, and Use case diagrams to provide information about the system's functional and non-functional requirements

- **Farmer assistance application**
  Created a platform for assistance of farmers using JAVA and designed interface through Eclipse (IDE) utilizing the Jswing library, which provides a variety of graphical user interface (GUI) components

- **Web test automation**
  Wrote a complete report including a detailed analysis of the website's functionality and user interface, as a term project after the automation testing of a website using CYPRESS.

CERTIFICATIONS

- **HTML, CSS and JavaScript for Web Developers**
Coursera.org (May 2021)
Completed HTML, CSS and JavaScript online course authorized by Johns Hopkins University through Coursera.
- **Graphic Designing**
Digiskills.pk (Feb 2020-April 2020)
Earned a certificate in graphic designing. Tools used Adobe Illustrator, Photoshop, and InDesign

SKILLS AND INTERESTS

Technical Skills: HTML5, CSS3, JavaScript, SQL Database, C/C++, Human Resource, Java, Use Case Testing, Automation Testing, Jira, OOP, Python, JSwing

Language: English (Conversational), Urdu (Native), Punjabi (Intermediate)

Interpersonal Skills: Critical Thinking, Problem Solving, Time management, Teamwork, Patience

Interests: Music, Sports, Fitness

VOLUNTEER WORK AND WELFARE PROJECT

Volunteer at Shahdab Training (For Mentally Challenged)   August 2022-Sep 2022

- Worked with the teaching staff and organized an event for 60 students.

- Gathered the record of data and entered new enrollments

- Assisted the Principal of *Shahdab Training Institute* for better maintaining their record

- Awarded with a letter of appreciation for completion of the tasks in efficient manner

- Wrote a complete report on the institute's overall progress, working and achievements of the year 2022