

M. Umer Awan

Associate Software Engineer

Versatile Associate Software Engineer with a robust foundation in programming principles, adept at developing and deploying web and mobile applications, optimizing performance, and troubleshooting technical issues. Quick to adapt to new technologies and frameworks, always eager for opportunities to grow and improve.

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EDUCATION

BSc (Hons) Computer Science

FCIT, University of the Punjab, Lahore

09/2019 - 09/2023

Lahore

WORK EXPERIENCE

Trainee Software Engineer (DOTNET - C#) (MAUI, WPF, BLAZER, JQUERY, ASP. NET, SQL) SUMATO SOLUTIONS, LAHORE

03/2024 - 07/2024

Lahore

<https://sumatosolutions.com/>

Achievements/Tasks

- Cross Platform Client Side App Development with C# programming language and its frameworks (MAUI, XAMARIN) including the XAML as mark-up language, and SqlLite3 as DB.
- Integration and development of webservises using SOAP and REST APIs.
- Enhanced application performance and security through use of Dependency Injections, Store Procedures and other methods to optimize the overall performance and security of application.
- Performed server-side development in ASP.NET, handling both backend and frontend responsibilities within the ASP.NET MVC architecture using HTML, CSS, Bootstrap, JavaScript, and jQuery for the front end, and ASP Boilerplate for the backend.

Contact : Mariyam (Human Resource Manager) - +923104790401

Software Engineering Intern (DJANGO-PYTHON) GRAYPHITE, LAHORE

10/2023 - 01/2024

Lahore

<https://grayphite.com/>

Achievements/Tasks

- Python programming, Web development with Django web frameworks, RESTful API development DRF Library ,Database management (SqlLite3).
- Team collaboration and communication, Agile development, Problem-solving and critical thinking methodologies, Unit testing and debugging, Code optimization and performance tuning, Continuous integration and continuous deployment (CI/CD) .
- Version control(Git, GitHub), Familiarity with cloud platforms (AWS) and Containerization(Docker).

Contact : Mahwish Chaudhry - <https://www.linkedin.com/in/mahwish-chaudhry-6825a3175/>

SKILLS

PYTHON

C#

C++

JAVA

JQUERY

BOOTSTRAP

DJANGO

DRF

MAUI

XAMARIN

WPF

ASP .NET MVC

.Net Core

.Net Framework

SQL

PostgreeSQL

MS SQL Server

MongoDB

Visual Sudio

VS Code

PyCharm

Android Studio

POSTMAN

GIT

GITHUB

Virtual Box

DOCKER

Firebase

Amazon Web Services

Microsoft Azure

Google Cloud Platform

PERSONAL PROJECTS

STUDENT MANAGEMENT SYSTEM (10/2023 - 01/2024)

- **Developed Server Side Application (Internship Final Project).**
- Developed server-side application for managing university data. With Dynamic Application Program Interface to interact with Backend. Implemented user role and permission management and dynamic APIs for backend interaction. Application provides user management and manage the roles and permissions of users on system.
- **Technology Stack Django, Django Rest Framework, Python, PostgreSQL.**

Automated Dairy Farm (2022 - 2023)

- **Developed Web Application (BS Final Year Project).**
- Created a dynamic web app for monitoring farm data.
- **Technology Stack ASP .Net, C#, MySQL.**

Cloud Inspector (Research & Development) (2022)

- **Developed Web Application (Semester Project (Cloud Computing))**
- Developed a research website for cloud computing. Resourceful website for how to access computing resources, such as servers, storage and applications, over the internet.
- **Technology Stack PHP, MySQL, XAMPP.**

TEACHING EXPERIENCE

Teaching Assistant (Theory of Automata) (2022)
Responsible for handling queries, internal grading, and office hours.