HAIDER ALI ADEEL

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EDUCATION

University of Engineering & Technology, Lahore Lahore, Pakistan
Master of Sciences in Data Science (2 years) September 2024

Punjab University College of Information Technology Lahore, Pakistan
Bachelor of Science (4 years) - Computer Sciences September 2016 - August 2020

SKILLS SUMMARY

- **Languages:** C#, C++, SQL, Python
- **Frameworks:** .NET Framework, ASP.NET MVC, ASP.NET Core, WPF, MVVM
- **Tools:** MySQL, SQLite, Excel, PowerPoint, GIT, Azure DevOps
- **Platforms:** Visual Studio Enterprise, Visual Studio Code, Jupyter Notebook
- **Soft Skills:** Effective communication, Collaborative team player, Adaptable, Detail-oriented, Problem-solving mindset, Innovative thinker, Results-driven
- **Communication Skills:** Proficient in spoken and written English; strong listening and interpersonal skills

WORK EXPERIENCE

SOFTWARE DEVELOPER | [A+W (Germany)](#) JANUARY 22 - PRESENT

- Developed and maintained desktop applications using ASP.NET MVVM and ASP.NET Core frameworks.
- Implemented server-side business logic and data processing algorithms using C#.
- Designed responsive, user-friendly UIs with WPF.
- Managed data storage and retrieval with SQL databases (Microsoft SQL Server, MySQL), optimizing queries for performance.
- Applied automated testing strategies (unit testing, integration testing) to ensure code quality and reliability.
- Collaborated with cross-functional teams (designers, testers, product owners) to deliver software solutions on time and within budget.
- Participated in code reviews to maintain high-quality and consistent code.
- Stayed updated on .NET technologies and industry best practices through continuous learning.

EXPOSURE:

- Familiar with cloud platforms such as Microsoft Azure and AWS for deploying and scaling web applications.
- Experienced with containerization technologies (e.g., Docker) for isolated application deployment.
- Knowledgeable in microservices architecture and its practical implementation.
- Exposure to DevOps practices, including CI/CD pipelines using tools like Azure DevOps.
- Proficient with version control systems (e.g., Git) for managing repositories and team collaboration.
- Familiar with Agile methodologies (e.g., Scrum) for iterative software development and delivery.

PROJECTS

CAD DESIGNER SHAPES   JANUARY 22 - PRESENT

Developed a desktop-based CAD application for customizing glass designs in architectural projects.

- Led the development of the DXF Dialog module, providing a user-friendly interface for customizing glass shapes and dimensions.
- Implemented backend services using ASP.NET for data processing and CAD design management.
- Designed and built interactive frontend components using the MVVM pattern, ensuring a responsive user experience.
- Integrated third-party libraries to enhance CAD drawing capabilities, including measurement tools and export functionalities.

PATTERN VIEWER TESTER APPLICATION   MARCH 23 - JUNE 23

Developed a desktop application to test various aspects of pattern views, workflows, and optimized patterns.

- Designed and implemented core functionality using C# and the .NET Framework.
- Built modules to test pattern rendering, workflow execution, and optimization algorithms.
- Implemented features for loading, saving, and retrieving pattern configurations for future use.
- Created an intuitive user interface for configuring test parameters, running tests, and analyzing results.

CERTIFICATIONS

PYTHON BASICS | CERTIFICATE   JULY 2019

- Mastered fundamental Python syntax, proficiency utilizing control flow, loops, functions, and data structures.
- Acquired expertise in procedural programming and associated logical concepts, enhancing capabilities.

GENERATIVE AI | CERTIFICATE   JANUARY 2024

- Completed "What is Generative AI?" course on LinkedIn Learning, gaining a foundational understanding of generative artificial intelligence (AI) techniques and applications.
- Acquired knowledge on the basics of generative AI, including its principles, algorithms, and real-world use cases, enhancing proficiency in the field of artificial intelligence and machine learning.

PROJECT MANAGEMENT FOUNDATIONS: TEAMS| CERTIFICATE
JANUARY 2024

- Successfully finished the "Project Management Foundations: Teams" course on LinkedIn Learning, acquiring fundamental knowledge of effective team management strategies and practices.
- Expanded understanding of project management principles related to team dynamics, collaboration techniques, and leadership skills, enhancing capabilities to lead and participate in successful project teams.

BIGDATA 101 | CERTIFICATE   SEPTEMBER 2024

- Gained foundational knowledge of Big Data concepts, including data types, Hadoop, and Spark frameworks.
- Explored key Big Data technologies and their applications in real-world scenarios, focusing on data storage, processing, and analysis.