Ayesha Nadeem | .Net Developer

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OBJECTIVE

Results-driven software developer with proficiency in C#.NET Framework. Experienced in desktop application development and adept at participating in business requirements gathering. Proven expertise in project management seeking a challenging role to leverage analytical abilities and contribute to innovative solutions.

EDUCATION

University of Engineering and Technology, Lahore
BS Computer Science | CGPA: 3.53   *2021/2025*

- Proficient in designing and implementing efficient algorithms and data structures to solve complex computational problems..
- Skilled in object-oriented programming, leveraging classes and objects to create maintainable and reusable code.
- Proficiency in database design, SQL querying, and database management for data-driven applications.

PROJECTS

Home and Habitation | *Python, PyQt5, Beautiful Soup*   October 2022
- Developed a Real Estate Desktop Application with 1M+ property data scraped from Zameen.com and Lamudi
- Utilized Python Scraper for data scraping and C# .NET for data structures, sorting, and searching algorithms

Student Assessment System | *C#, SQL, WinForms, SSMS, Git*   March 2023
- Detailed the design and implementation of a database system for managing rubric-based assessment evaluations using Transact-SQL
- Included student data, attendance records, assessment and component records, rubrics and their levels, and CLO details in the database system
- Provided a comprehensive description of the database schema, table relationships, and business rules governing the system's operation
- Discussed the system's testing process and challenges encountered during development

Secure API Developement | *Node, Express, React, JWT, Git*   April 2024
- Designed and implemented a secure RESTful API for a web or mobile application, utilizing JSON Web Tokens (JWT) for robust authentication and authorization.
- Implemented comprehensive input validation to prevent SQL injection, XSS, and CSRF attacks; enforced strict password policies; and provided secure endpoints for user management tasks like registration, login, and password recovery.

Technical Skills

Languages: C#, Python, SQL (T-SQL), JavaScript, HTML/CSS
Frameworks: .Net
Developer Tools: Git, VS Code, Visual Studio, Spyder, SSMS
Other Tools: Slack, Trello, Figma, Justinmind
Libraries: pandas, NumPy, Matplotlib