

Muhammad Nawaz

House#345, Street# 04, Margalla town Pahse 1
Islamabad Pakistan +92(333)4372831
mudnawaz@hotmail.com

Career Objective

Experienced Software Engineer with expertise in full-stack development, microservices, and cloud-based solutions. Skilled in designing, developing, and deploying scalable enterprise applications with modern frameworks and tools. Seeking to leverage technical expertise, leadership, and problem-solving abilities to contribute to innovative projects and organizational growth.

Technologies

Proficient and had a hands-on experience with a vast array of Computer Platforms, Software, Concepts and Technologies including.

<u>Skills</u>	<u>Tools & Platforms</u>	<u>Databases</u>	<u>Languages & Frameworks</u>
Microservices Architecture, REST APIs, Windows Services, WebAPI, WCF, MSMQ, Entity Framework, LINQ to SQL, Shell Scripting, Automation Testing	Visual Studio, VS Code, Eclipse, Teradata Studio, Navicat, Workbench, MS Visio, Jira, Git, GitHub, TFS, CI/CD Pipelines, Docker, Kubernetes, AWS, Azure, ServiceNow	SQL Server, Oracle, MySQL, H2, Teradata database	C#, ASP.NET MVC, .NET Core, Java (Spring Boot), Python (Django), JavaScript, TypeScript, Angular (2+ to 15), ReactJS, HTML, CSS, jQuery, XML

Education

Master of Science in Software Engineering (MS-SE) Bahria University Islamabad	2018
Bachelor of Science in Software Engineering (BS-SE) Bahria University Islamabad	2014

Professional Experience

July 2021 – Sr. Software Engineer



Present Teradata, Islamabad Pakistan

- Designed and developed scalable enterprise solutions for multiple business-critical applications.
- Led the PDCR Installer Tool development, managing cross-functional coordination with stakeholders.
- Developed and enhanced Project Hub Application, integrating SharePoint, Angular, and Azure services.
- Built DMO Framework for process automation and optimization.
- Developed the Nexus Discovery Tool, enabling efficient asset discovery and reporting.
- Maintained software requirements and user stories in Jira, ensuring traceability and quality delivery.
- Implemented CI/CD pipelines for automated testing and deployment.
- Worked with AWS and Azure cloud platforms for hosting and scaling applications.

Technologies: .NET Core, Angular 10+, Java (Spring Boot), Django, Teradata Database, H2 Database, GitHub, Jira, CI/CD, AWS, Azure, ServiceNow, Shell Scripting

December 2019 Manager Full Stack Developer



– March 2021 Rider powered by TPL Logistic

- Designed and developed multiple logistics and e-commerce platforms.
- Optimized codebase and enhanced performance of portals using .NET Core and Angular 9/10.
- Built and deployed staging/production systems, ensuring reliability and uptime.
- Developed Merchant Portal & Admin Portal with reporting features.
- Implemented Finance & Tracking Portal, integrating maps for real-time rider tracking.
- Coordinated with field teams to understand operational challenges and deliver optimized solutions.

Technologies: .NET Core, Angular 9/10, MySQL, Web API, CI/CD

January 2015 – Sr. Software Engineer

December 2019 Interactive Group of Companies



- Developed multiple enterprise applications in C#.NET for government and defense organizations.
- Designed and implemented WCF & Web API services for high-performance systems.
- Built hardware-integrated applications (RFID, Barcode, CNIC Reader, and Biometric).

- Designed and managed relational databases, ensuring optimized queries and performance.
 - Delivered full software lifecycle ownership including requirements, design, implementation, testing, and deployment.
 - **Technologies:** .NET, C#, WPF, WCF, Web API, Oracle, SQL Server, Crystal Reports, RFID Integration, Entity Framework, MSMQ
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Development Projects

At Teradata

- Project Hub Application
- DMO Framework
- Nexus Discovery Tool
- PDCR Installer Tool (Installation, Migration, Extensions)

At TPL Logistics (Rider)

- Rider Management Portal
- Customer Management Portal
- Admin Portal
- Reporting Portal

At Interactive Group

- FORESIGHTLAB & Global Think Tank Network (GTTN)
 - Queue Management System (QMS)
 - Time Attendance System (TAS) and Visitor Management System (VMS)
 - Automated Vehicle Identification System (AVIS)
 - Automated Fingerprint Identification System (AFIS)
 - Hospital Management System
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Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900)
- ServiceNow Fundamentals
- Teradata Cloud Lake Certification
- C# Advanced Programming Certification