Muhammad Nawaz

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Career Objective

To work in a challenging software development environment where I can prove my skills and utilize my knowledge to the best possible extent, moreover to prove myself as a valuable asset for the organization.

Technologies

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

Skills	Tools	Databases	Languages
LINQ to SQL, TFS,Jira, Git, MVC, SMTP,WCF Services, Windows Services, WebApi, MSMQ, log4net, EF	Visual Studio, MS Office, Issue View & Eclipse, MS Visio, VS Code, Navicat Premium, Workbench Teradata Studio	SQL Server, Oracle, MySQL, H2, Teradata database	C#, ASP.Net MVC , HTML, Dot Net Core , JavaScript, XML, CSS, jQuery, spring boot java8, AngularJS, Angular2,4,7,8 ,9 &10

Education

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

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

Experience

July 2021 –   **Sr. Software Engineer**   teradata.
Present   **Teradata, Islamabad Pakistan**

- Design and develop solutions for different software applications.
- Lead PDCR Installer Applications for development and coordinate with internal and external stakeholders.
- Maintained Software Requirements at Jira.

- Worked on automation testing using CI/CD pipeline.
- **Technologies:** Dot Net Core, Angular 10, Django, Java8 using spring boot, Teradata database. H2 database Jira and Github CI/CD pipeline, shell scripting, ServiceNow, AWS, Azure

December 2019 – March 2021	**Manager Full Stack Developer** **Rider powered by TPL Logistic**

- Design and develop different Logistic Products.
- Develop and maintains different web services [Web Services].
- Optimization of existing code and web portal using **Dot Net Core** and **Angular** 9/10.
- Deployment of staging and production of all products.
- Maintained documents of Database changes and Web Api.
- Technical requirements analysis and design flow.
- Design and Develop Web Api for Portals and Mobile Applications
- Evaluate user needs and software requirements.
- Extensive communication with internal and external stakeholders.

January 2015 – December 2019	**Senior Software Engineer** **Interactive Group of Companies**

- Developed C#.NET web and desktop applications.
- Developed and maintained different web services [WCF, WebApi, and Windows Services].
- Modified existing software code to enhance its functionality.
- Developed applications using Hardware Integration e.g. CNIC reader, web cam, Barcode reader and RFID reader base Applications.
- Deployed and did configuration of web services for both staging and live deployment.
- Designed and developed workflow and technical documents for different applications.
- Database designed and script writing.

Development Projects

Teradata Products
- PDCR Installation & Migration
- PDCR Migration Tasks
- PDCR Extensions
- PDCR drop old objects
- **TPL Logistic Products**

Worked on TPL Logistics products as Full Stack Developer, designed and develop following portal using Angular 9/10, .Net Core and MySQL.

- Merchant Portal and Admin Portal. UI designed and developed different reports.
- Finance and Tracking Portal**.** Finance reports and develop rider tracking using Maps.
- Understand daily logistics and riders problems from fields and provide optimized solutions.
- Extensive team coordination for better solutions.

Interactive Group Products
FORESIGHTLAB & Global Think Tank Network (GTTN)
Designed and developed Foresight Lab web portal. Foresight initiative focuses on human capital development and strengthening institutions capacity, producing quality futures research and policy designs. Foresight Lab provide platform to cover this scenario.

- Worked with Analysis, QC and Configuration teams.
- Designed use cases and requirement elicitation.
- Data Migration and data warehouse implemented.
- Skills are used[ASP.Net MVC, Entity Framework, Angular JS, MS SQL 2016, Data mining, MSMQ, WCF Service, Windows Service].
- Maintained logs using log4net.

Automated Fingerprint Identification System

PAFIS is capable to allow law enforcement agencies to search, verify and identify the criminal's data. It is composed of multiple modules

- Technologies used: [Biometric Operations, Oracle Database, C#, WCF Service, Windows from Application and WPF]

Automated Vehicle Identification System (AVIS)

- [.NET, C#, Socket Programming, RFID Reader Integration, Syscan Card Reader, Datalogic Reader , XML , LINQ, SQL Server]
- AVIS is responsible to track and maintain each vehicle linked with IACGRP.
- AVIS is deployed in Armed Forces (Navy) and for IAC Company.
- AVIS uses RFID technology for tracking includes RFID Read and RFID Tags.
- MS SQL Server and windows form was used. Crystal report used for reporting.
- Designed Complete Process Flow diagram using MS Visio.

Time Attendance System (TAS) and Visitor Management System (VMS)

- VMS is Desktop Application and technologies are used [WPF, SQL Server. Store Procedure and Web Portal for states using WebApi and MVC].
- VMS is bio-metric facial recognition operation is used.

Queue Management System (QMS)

- Worked on QMS, Design and implemented complete QMS using dot net technologies [WCF Service, C#, windows form MS SQL Server and MVC [ASP.NET]].
- Designed, developed and documented complete solution.