

Name: Muhammad Umar

## CAREER OBJECTIVE

Established Technology leader with extensive technical and business experience managing and developing IT departments and budgets. Deep experience developing teams and architectures to support IT systems undergoing Digital Transformation initiatives. Strong relationship building experience working in matrix organizations and managing stakeholder expectations. Over 6 years in IT Structures and customer enablement. Currently involved in large scale Cloud deployments and managing Digital Transformation initiatives.

## PROFESSIONAL SUMMARY

- 8 years experience in Software Development and Database Application.
- Designed, developed and deployed different business applications.
- Modify, repair, update and expand existing programs and applications.
- Experience Web API, by resolving dependencies.
- Experience in Software patterns implementation (CQRS, Solid and many more).
- Created base architectures and assisted team to use.
- Created Identity server for central user management.
- Portfolio: <https://ciitumar047.github.io/>

## SKILLS

- Sound concepts of OOP
- Clouds (Google, Azure, AWS)
- Asp.Net Core (all version), MVC Core, Web API 2, Identity server 4, Entity Framework Core, Dapper, Ado.Net.
- All versions of angular
- Blazor (Client, Server), MVC 4, MVC 5, Identity server 3, Entity framework 7, dot net core (latest version) • OData webApi, Web api 2, Web services
- Commands Query Segregation (CQRS), SOLID, Repository unit of work pattern.
- Material Design, Flex, Syncfusion.
- Javascript, J-Query, JSON, Bootstrap.
- Visual Studio Code, Visual Studio, SQL Management studio.
- Databases (SQL, MySQL, Mongo DB).- RDLC reporting, crystal Reports, Teletric, Kendo Additional ASP.Net, HTML,
- HTML5, Jscript, C/C++, In page Urdu, MS Office All versions.

## WORK EXPERIENCE

Current Job & Responsibilities:

Medullus <https://medullus.com/> ( May 2024 to onward)

- Responsible to assist team to start project.
- Ensuring Code quality standards with team.
- Responsible to handle Software design patterns implementation.
- Create Web API, by resolving dependencies.
- Software development using ASP.Net Core, ASP.NET MVC, Web API, CSS
- JavaScript, jQuery Entity Framework (EF), LINQ, MVC, 3Tier Architecture

Estrats (<http://estratcom.com/>) (Oct 2020 to May 2024)

Working as full stack .Net Developer in a Multinational Software Company <http://estratcom.com/> with following responsibilities. Role and Responsibilities:

- Responsible to assist team to start project.
- Ensuring Code quality standards with team.
- Responsible to handle Software design patterns implementation.
- Create Web API, by resolving dependencies.
- Analysis & Design Database
- Software development using ASP.Net Core, ASP.NET MVC, Web API, CSS
- JavaScript, jQuery, Entity Framework (EF), LINQ, MVC, 3Tier Architecture

LUQON IT (<https://luqon.com/>) (January, 2019 to Oct 2020)

I have start work as full stack developer in LUQON IT. I have worked in LUQON with following roles responsibilities and mentioned skills.

- Responsible to handle Software design patterns implementation.
- Create Web API, by resolving dependencies.
- Analysis & Design Database
- Software development using .Net Core, ASP.NET MVC, Web API, CSS
- JavaScript, JQuery, , Entity Framework (EF), LINQ, MVC, 3Tier Architecture . Applications development and customization using Visual Basic, Power Builder, Access and FoxPro

Developed Client/Server applications for Bank of America. Visual Basic is used as the primary development tool. Expertise in using Windows API. Extensively used Attachmate for HLLAPI interface. Used Delphi to create DLL for Mainframe logins. OLE2 automation with MS Word. Created Stored Procedures and Triggers for Client/Server applications Administration and management of SQL Server.

Project manager for Work Comp package using FoxPro for Windows. The application is designed to track the disability claims, maintain transaction, create checks, and reconcile checks, Dairy system, and detailed reporting features. OLE automation with MS Graph. Excellent communication and interpersonal skills

**Role and Responsibilities:**

- Responsible to assist team to start project.
- Ensuring Code quality standards with team.
- Responsible to handle Software design patterns implementation.
- Create Web API, by resolving dependencies.
- Analysis & Design Database
- Software development using ASP.Net Core, ASP.NET MVC, Web API, CSS
- JavaScript, jQuery, , Entity Framework (EF), LINQ, MVC, 3Tier Architecture
- Specialized in Systems Design, Workflow Analysis, Project management and Co-Ordination of client server application
- Designed and developed several client server applications for clients like Bank of America, Solar Turbines and Provident Investment Counsel
- Extensive knowledge of Intranet and Internet application with Microsoft Solution of Interdev and DCOM objects.
- Designed online Intranet reports in Java, Crystal Info, VB and Oracle for Solar Turbine Inc.
- Define Use case scenarios; develop sequence activity and class diagrams using Visio in order to define the scope of the project
- Maintained multiple SQL servers for Bank of America
- Implementation of database best practices and standards
- Designed database tables, normalization, and provided E-R Model among all the tables.
- Generated reports, queries, and database updates using MS SQL and PL/SQL.
- Developed User Interface components, Business and Data Objects using Visual Basic and ASP
- Prepared specifications for system changes and/or systems testing
- Created Data Dictionary and documented all procedures according to technical documentation standards.
- Designed and developed complex real-time reporting application for stocks and bonds for one of the largest financial management company (Provident Investment counsel). Designed using SQL Server, Visual Basic and Crystal Reports
- Developed Remote Synchronization module for client/server application using ORACLE and Visual Basic. Module allows remote user to use application on their laptops in field and later synchronize it with central Database.
- Provided Performance Tuning, Normalization and ERD Diagrams for existing database. The Application tracks bank loans, collateral and customer correspondence. Keeps track of collateral auctions and litigation process. The application was designed to automatically generate letters to clients.
- Duties Involves Travelling and customer interfacing. All across European clients

**Digital ecosystem of markets, opportunities and investments (Asp.net Core)**

- Eureeca strives to democratize the financial world providing global access to investment markets for all. Innovative and forward thinking, Eureeca is a trusted financial platform driving global growth by elevating financial success.
- Technologies: ASP.Net Core, Angular, OData Web API, SignalR, Angular, Entity Framework, SQL Server 2017.
- Role: Full Stack Software Development <https://eureeca.com/home>

**Architect/Lead Developer/DBA**

Involve in SQL Server installations and implementing maintenance plans

- Involve in Backup and Restores and data migration between development team
- Responsible for the maintained production/development servers
- Involved in the planning, development and implementation of an ERP system for a furniture-manufacturing Company. The system was converted from an existing Oracle Just in Time (JIT) system into a three-tier multi user Intranet application.
- Conversion entailed all basic modules of the JIT system including Order Entry, Accounting, Engineering, Manufacturing,

Procurement and Inventory Control. The new system T2K-JIT was developed by creating Active-X User Documents through Visual Basic 6.0 with the backend Database of SQL Server 7.0.

- Maintain implementation SQL Server for clients through VPN and maintained in-house testing SQL Server.
- Developing DTS Packages between SQL server and Oracle
- Worked as a database developer to implement new functionalities and maintain existing database objects. This data base has around 1400 tables and 1800 stored procedure
- Designed the database schema for program management, Task Management and Assessment module as per requirements □ Used Erwin tool to created data model and maintain multiple versions of databases schemas.
- Created physical data model for existing database by using ERWin with reverse engineering process.
- Worked with offshore team to implement new functionalities.
- Wrote complex stored procedures, views and queries to develop Adhoc report □ Worked on data issues.
- Wrote Synchronization Application in VB to synch data between Oracle and SQL server.
- Developed methodology for designing the translator tool translating Oracle Forms and Framework and COM objects to simulate Oracle functionality. The project involved array of middle-tier ActiveX dll's and Active-X exe and Java Scripting. My role was to develop the extensive framework to simulate the complete functionality of Oracle in VB.

[Teranoid System\(Asp.net Core\)](https://portal.teranoid.com/Login/Index?ReturnUrl=%2F) <https://portal.teranoid.com/Login/Index?ReturnUrl=%2F>

#### **Architect/Lead Developer**

- Database Administrator in Administering MS-SQL Server, performing day to day tasks such as Database tuning by checking indexes and modifying procedures, creating users, assigning roles
- Performance tuning servers, stored procedures, queries, index tuning – using SQL Server Profiler, NT Performance monitor, Query Analyzer
- Involved in the development of DTS packages and stored procedures using T-SQL
- Designed and Implemented interfaces between SQL Server, Oracle based Application and MS Access, based custom software. Did customizations for customers using VBA for interfacing
- Creating automated Backup and Recovery plans for databases and logs
- Check databases, jobs, nightly backups on all servers and monitor system log and security log on Event [Business Directories and Infinity , \(ASP.Net Core & Angular\)](#)

Description:

- It is complete web-based application for field services Management Company to provide service to the companies and track the location of work field.
- Technologies: ASP.Net Core, Angular, SQL Server 2017
- Role: Complete Software Development from scratch, Database Management
- Responsibilities: Overall work like R & D, business logic and front -end user interface, Database Designing to Deployment of Software.

#### **Sr. Database Developer/DBA at Infinity**

- Involved in data migration for upgraded server
- Backup and Restore and log shipping
- Creating user requirements for Application/Database Architecture
- Interface with different business units in planning sessions for application development and Database designing.
- Co-ordinate with Offshore team Local Team for work coordination
- Co-ordinate meetings with developers and management for implementation and rollout strategies
- Interface with DBA and IS team for application rollout and periodic patches
- Database Modeling and Database Architecture
- Design Database and Maintaining Data database optimization

- Implementing business logic using Triggers, Views and Stored procedures and performance tuning of several projects □ Data modeling using ERWIN tool and Microsoft Visio
- Hands on experience in trouble shooting database issues and writing complex stored procedures
- Conversion of many databases from access to SQL Server
- Conversion of Oracle Packages to MS SQL
- DTS Packages for partial database recovery
- Converting Access reports to MS Reporting services

Project Coordinator/Database Developer in designing and implementation of ASP/Com based framework for web Application and reporting services

### **EDUCATION:**

- Master in Computer Science, COMSATs Institute of information Technology