**Name: Mohammed Asrar Uddin**
**E-mail:** **asrarmohammed.net@gmail.com**

**Mobile: +1 (551)2876872**

**Summary:**

* 12+ years of experience as a Software Developer involved in analysis, design, development, testing, and implementation of client/server n-tier applications using .Net technologies.
* Expertise in developing web-applications using .NET Framework, .NET Core, ASP.NET, C# Web Services, WCF, LINQ, IIS, SOAP, XML, HTML5, JavaScript, Typescript, Visual Studio, AJAX and ADO.Net, Azure, CI/CD.
* Expertise in using ADO.NET objects such as Connection Object, Command Object, Data Reader Object, Data Adapter Object and Dataset Object.
* Experience on application architecture & design including architectural patterns like MVC, MVVM and design patterns such as Singleton, Factory, and Builder.
* Experience in building Single Page Applications (SPA) using HTML5, CSS3, Bootstrap, Angular, ASP.NET MVC, Bootstrap, ASP.NET Web API, Entity Framework.
* Experience in developing and consuming ASP.NET Web Services using WSDL, SOAP, REST API and Windows Communication Foundation (WCF).
* Experience on ADO.NET components such as Datasets, Data Adapter, Data Reader, Data View, Data Table and Command object to access and update database.
* Work experience on Windows Azure, Azure Active Directory, SQL Azure, creating resource groups, subscriptions, build and release definitions.
* Experience in handling various SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), and SQL Server Analysis Services (SSAS).
* Created Entity classes, relationships between entity classes using LINQ (Language Integrated Query) to SQL to manage relational data as objects.
* Created Entity classes, relationships between entity classes using LINQ (Language Integrated Query) to SQL and LINQ to Dataset to manage relational data as objects.
* Knowledge in Application Blocks, Design Patterns, Language Integrated Query (LINQ) and Model-View-Controller (MVC) and Model View-View Model (MVVM).
* Experience in creating Web Forms, User Controls, Web Controls using C#.NET, ASP.NET, HTML, DHTML, CSS, Multi-Threading, XML, JavaScript, jQuery, Bootstrap, Visual Studio.NET Framework.
* Experienced in using N-Unit Testing for the piecewise testing of the applications.

**Technical Skills:**

|  |  |
| --- | --- |
| **.Net Technologies:** | C#, ASP.Net, VB.Net, ADO.Net, LINQ, WCF, MVC, Web API, Entity Framework, REST, JSON, Razor, AJAX Control Toolkit. |
| **Languages:** | C#, VB.NET, JavaScript, HTML, XML, CSS. |
| **Databases:** | Oracle, MS SQL Server, MS Access |
| **UI Frameworks:** | React, jQuery, Kendo UI, Angular. |
| **Web services:** | SOAP, REST, XML, WCF, Web API. |
| **Version Control:** | SVN, VSS, TFS, GIT. |
| **Report/Integration:** | Crystal Reports, SQL Reporting Services, SSIS. |
| **Software Tools:** | Jenkins, Docker, Kubernetes, GITHUB. |

**Professional Experience:**

**Client: Alephcore**  **Mar 2021 – Till Date**

**Role: Sr. Dot Net Full Stack Developer**

**Responsibilities:**

* Involved in implementation of ASP .NET MVC Controllers, passing the data from controller to view using View-bag and created Views/Partial Views, Layout Pages.
* Developed view models and controller actions to fetch data from back end (server side) using Web API and sent response as JSON objects to the client side.
* Converted ADO .NET code to Entity Framework by using Code First Approach in Data Access Layer.
* Designed and developed WCF Services using SOAP messages with different bindings, to expose certain KOG functionality to clients, and generated WSDL files for service description.
* Extensively used LINQ to SQL Queries and LINQ to Entities for manipulating data retrieved from database.
* Developed and enhanced User Interface Components using HTML5, CSS3, JavaScript, AJAX Toolkit.
* Used ADO. NET objects such as Data Adapter, Data Reader, Dataset and Data List for updating records in the database
* Created RESTFUL services using Web API, built HTTP services and formatted responses using WEB API media type formatter to JSON.
* Developed RESTful Services using Web API like HTTP verbs for CRUD operations.
* Involved in application development using .Net core 2.2, C#.Net.
* Created Business Logic Layer & Data Access Layers to implement the MVC 5 architecture.
* Leveraged Angular 8 for scripting, AJAX calls and JSON and XML for passing objects from Controller to View and vice versa.
* Updated dashboard front end to support multiple dashboards and their CRUD operations using Typescript
* Developed various stored procedures and views for data retrieval from database, to generate different reports using SQL Reporting Services (SSRS).
* Developed Windows services to store SQL Server data into Cloud base data warehousing by using AWS.
* Worked with WEB APIs to make calls to the web services using URLs, which would perform GET, PUT, POST and DELETE operations on the server.
* Created a RESTful Web API service using ASP.NET Web API to generate data which was then consumed in the front-end by Angular 8.
* Created WCF Services responsible for communicating and providing time data from integrated server to client application.
* Used LINQ for various database transactions and querying collection objects.
* Developed core web services in Web API to read/write data from SQL Server Database using Entity Framework.
* Experienced with all phases of Software Development Life Cycle (SDLC), involved in designing, developing and implementing, software applications and backend development.
* Designed the reports using SSRS document templates to export reports to PDF formats.
* Developed and Deployed the SSIS packages on SQL Server and scheduled the daily jobs on SQL server to load the data every day.
* Extensively used OOPS Concepts and SOLID principles in C# to implement business logic by creating abstract classes, interfaces and classes.
* Designed relational database and normalizing them for SQL Server database and developed Stored Procedures, Triggers and SQL Queries.
* Used Entity Framework Model to for the CRUD operations, and mapped tables and stored procedures to execute the SQL operations.
* Extensively used query tuning related tools like db2exfmt, db2advis and db2batch for improving query performance.
* Involved in requirement analysis, designing and development using AGILE methodology to implement the application.
* Worked with Scrum Master to create user stories and sub task and attended scrum ceremonies on daily basis.
* Developed Web Applications using HTML, IIS, ASP.NET, JavaScript, XML, SOAP, and Visual Studio.Net, Angular 5.
* Developed abstract classes, interfaces, classes to construct the business logic using Object Oriented Concepts.
* Worked on ASP.NET Core web apps, command-line apps, libraries, and Universal Windows Platform apps.
* Used ASP. NET User Controls to create steps for submitting and modifying events and evaluation forms.
* Wrote stored procedures for all types of databases with DB2 and interactive web pages.
* Highly worked in database administration tasks like SQL coding, Relational Design, Referential Integrity, Index strategies, and SQL Troubleshooting Using DB2 UDB.
* Used the TFS as the source for version control and project issue management.

**Client: Publicis Sapient, Chicago,IL Jul 2019 – Feb 2021**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Involved in Analysis, Design, Development, System Testing and User Acceptance Testing of the application following Agile/SCRUM methodology.
* Involved in collecting, analyzing, and understanding the business requirements from the customers and business analysts.
* Developed ASP.NET MVC 5 applications using Code First Approach in Entity Framework and UI in Razor View Engine.
* Developed User Interface screens using VB.NET and using Telerik RAD AJAX controls
* Used ADO.NET objects such as data adapter, data reader, dataset, and data view for consistent access of data from the database.
* Developed Data Access Layer Using Entity Framework using Repository, Aggregator and Facade Patterns to access data from AWS (DynamoDB and File) storage.
* Used Angular 5 & 6 to standardize web application structure and responsive using bootstrap and provide a future template for data binding.
* Developed business logic using C# and connect to WCF services to get data.
* Created REST API using HTTP Handlers and developed Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats.
* Developed single-page application using Angular 5 & 6 and Web API's using .NET Core.
* Created reusable custom components using Angular 5 & 6 with Typescript.
* Implemented Security in Web Applications using AWS and deployed them.
* Used SSIS to create ETL packages to validate, extract, transform and load data to data warehouse databases, data mart databases.
* Developed Monitoring application to track up time of customer portal which helps Admin to generate reports of UP time of system as well as Performance of each page. I have used Selenium, PowerShell for test automation and Angular 2 with Web API for frond end.
* Understanding the problems being faced by the customers with the current system. Analyze and identify the root cause of the problem, R&D for the best solution approach and resolve. Interact with customers and understand the requirements and issues being faced, what they really expect the technological solution to address.
* Managing TFS for development team that includes Backlog grooming, Task Estimation, Sprint planning and delivery using CI (Octopus Deploy).
* Involved in Demo to Country Users after each and every Production delivery, to understand the customer requirement and pain point with the current system.
* Executed of SQL queries to extract data from DB2 tables for running test scripts.
* Working on generating reports using Report wizard, Report builder of SSRS and deployment of Reports to Report Server.
* Developed web, Linux and windows-based applications using Visual Studio 2010 and DB2 SQL Server and Oracle databases.
* Identified and eliminated unused indexes in the databases Using DB2PD tool and improving the performance of the databases.
* Used Power BI to design interactive reports and data visualization using Power BI Desktop.
* Used LINQ to SQL for database query and LINQ to Objects with Lambda expressions.
* Resolved issues with UI accessibility in SSMS related to SQL service engine features.
* Designed unit testing module with N-Unit to test application performance and availability.

**Client: Honeywell, Pittsburgh, PA Jan 2017 – Jun 2019**

**Role: Sr. Dot Net Developer**

**Responsibilities:**

* Engaged in the development of an application that supports controlling the transaction made by the company.
* Developed core business algorithm to create inland trips based on the availability, rail schedule info and available rates.
* Designed the layout of User Interface using Visio and Class diagrams using UML.
* Implemented Data access layer using ADO.NET to connect and retrieve or manipulate database information.
* Worked on HTML5, CSS3 style sheets, AngularJS, JavaScript, and jQuery to tie together a diverse range of sites with an easily understandable structure.
* Developed user-friendly interface to seamlessly combine the new module with existing login system by using AngularJS framework and jQuery.
* Established communication between different applications running on same/different platforms using WCF.
* Used Grid View, Data List and Repeater controls with Paging and Sorting for displaying various data on to the page.
* Used XML intensively to bind the data to the web controls, data manipulation and to store data and sent as parameter to the stored procedures.
* Developed various stored procedures for the data retrieval from the database and generating different types of reports using SSRS.
* Updated dashboard front end to support multiple dashboards and their CRUD operations using typescript.
* Developed dynamic ASPX web pages for Application using ASP.NET, C#.NET, XML, XSL/XSLT, HTML and JavaScript.
* Developed custom AngularJS directives to build custom reusable modules to use across the application.
* Utilized Entity Framework technology extensively for data retrieving, querying, storage and manipulation using LINQ. Statements, views, User Defined Functions, Stored Procedures for inserting/updating/Deleting the data into the relational tables.
* Worked with Mongo DB and SQL server as database for Project.
* Worked with SSIS in building the interface to send scheduled extracts to the mainframe system and updating the database fields with data received regularly through the batch files.
* Involved in N-Unit testing and writing test scripts and scenarios.
* Used GIT extension for version control of the source code along with the maintenance of the builds and the relevant documents of the same.

**Client: General Motors, Warren, MI Aug 2011 – Dec 2016**

**Role: .NET Developer**

**Responsibilities:**

* Analyze and review the business requirements, design documents, use cases and functional Requirement documents.
* Developed service layer that uses Dependency Injection to pass updates models to the application layer to facilitate unit testing.
* Developed front-end systems with JavaScript, Bootstrap, HTML, CSS, MVC frameworks such as AngularJS and Node JS as a platform for Web applications.
* Used Telerik and Kendo Controls for Dropdowns, Grids and Progress bars.
* Designed the Web Forms and the Web Pages using all the ASP.Net controls.
* Implemented JavaScript for data validation to avoid server side round trip and created new Oracle packages.
* Used AJAX for partial page execution and asynchronous data transfer from web server to the client; and jQuery to validate user controls and web forms.
* Developed WCF service using SOAP/HTTP to communicate with legacy systems and deployed web services as per business requirements.
* Worked on writing Stored Procedures, developing T-SQL queries, Triggers, Functions, Views, Database design and implementing scripts on PL/SQL using Oracle DB.
* Used TFS for source code management, automated builds, testing, and release management capabilities.
* Performed Unit Testing with the testing tool N-Unit and involved in Unit test case, code review checklist preparation and validation.
* Performed transformations using various SSIS tasks such as conditional split, derived column, which performed data scrubbing, including data validation checks during staging, before loading the data into the data warehouse.
* Created advanced Excel and Word reporting tools for existing databases and worked with SSRS reporting services for generating few reports.
* Monitored application software system to ensure proper execution and performance.