**AshrafHusain**

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**Sr.Net Developer**

**SUMMARY:**

* **8+ years** of extensive experience with all phases of **Software Development Life Cycle** (SDLC), including **Analysis**, **Design**, **Development** and **Testing** of Client-Server and Web-based n-tier Architecture for **windows** and **web applications** with exposure to diverse business domains.
* Strong hands on the **Microsoft .Net Framework2.0/3.0/3.5/4.0/4.5** developing **Win Forms, Web Services, Win Services, Web Pages** using **ASP.Net 4.5/4.0/3.5/2.0/1.0, VB.Net, Visual Studio VB Script C#.Net, ADO.NET, ASP, JavaScript Query, Angular JS, CSS, Master pages, HTML, DHTML,XML,XSLT, Silverlight, LINQ, Ajax,** and **SQL Server SSRS.**
* Experience with an **agile software development** methodology and **Test-Driven Development** including **SCRUM** Framework).
* Experience with developing GUI using web technologies like **HTML, CSS**, **AngularJS**, **JQuery**, **JavaScript**, and **XML**.
* Extensive experience in architecture, design and development of Client-Server and Distributed Web Applications with **ASP.NET MVC 3.0**, 3-Tire and N-Tire Architecture.
* Experience in **SOA (Service Oriented Architecture)** using **Web Services, WCF Services, WEB-API and Restful Services, Windows Services**.
* Expert in developing Dot Net **WinForms/Web applications** using **C#/Asp.Net**.
* Extensively worked on of Windows Presentation Foundation **(WPF)** which provides developers with a unified programming model for building rich Windows smart client user experiences that incorporate UI, media, and documents in Windows using **XAML**.
* Strong in Object Oriented Analysis and **UML** concepts, Designed Applications using **UML and Use Cases and Design Patterns, Agile Methodologies.**
* **Used HTML5 CSS3 and Angular2,Angular4 for our prototype- working model.**
* Expertise in application development using **ASP.NET MVC 3.0** Framework.
* Extensively Used **LINQ to SQL, LINQ to XML and LINQ to Objects** for retrieving the data efficiently and Just in Time manner.
* Worked on Grid view using ADO.NET and retrieved data from SQL server using quires.
* Experience with **ASP.NET Web Forms, win forms, Web Services, and State Management, caching features, configuring optimizations** and securing the web application
* Experience with **AJAX Control Toolkit** and XML Http Request object, which is the heart of **AJAX** in providing asynchronous Post back.
* Designed and Implemented application using **ADO.NET** objects like **Dataset, Data Table** and **Data Adapter** for manipulating, retrieving, storing and displaying data from SQL Server.
* Extensive knowledge of applying**Object Oriented Analysis and Design (OOAD)** for modeling a system.
* Integrated disparate technologies with Microsoft PowerShell - Entity Framework, **MongoDB**, **ASP.NET** Membership, **SQLite, OData**, etc.
* Experience in **SQL** Server and **SSIS** (Integration Service) package design, constructing, and deployment.
* Building web applications with **ASP.NET MVC/Web Forms**, **JavaScript**, **JQuery**, **knockout.js,JSON**, **HTML**, **XHTML**, **CSS**
* Worked on cloud computing using **Windows Azure** and **SQL Server Azure**.
* Experience in working with **SSAS** in creating **cubes**, data source views, named queries, dimensions and deploying of analysis services projects.
* Strong experience in design patterns **WCSF, WSSF, MVC and MVPC** patterns

**TECHNICAL SKILLS:**

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| --- | --- |
| **.NET Technologies** | ASP.NET 1.1/2.0/3.5/4.0/4.5, ADO.NET, AJAX, Classic ASP,LINQ, Entity Framework, Angular JS, ADO.Net Entity Framework 6.0 |
| **Languages** | C# .NET, VB.NET, Visual Basic, C,C++, Java, PL/SQL, T-SQL |
| **Web Technologies** | HTML, HTML5,DHTML, XML, XSLT, XSD,WSDL,XAML, JSON, SOAP, CSS, Web forms, Web Services, Win forms, WCF, WPF, MVC, Silverlight 2.0/3.0, XSLT, WSDL, UML |
| **Scripting Languages** | JavaScript, JQuery, Visual Basic Script |
| **Databases** | SQL SERVER 2014/2012/2008/2005/2000, Oracle11g/10g/9i/8i |
| **Framework** | Microsoft.Net Framework 1.0/1.1/2.0/3.0/3.5/4.0/4.5,4.5.1 |
| **Operating Systems** | Windows 98/NT/2000/XP/Vista/Windows7/ Windows 8/8.1. |
| **IDE** | Visual Studio 2003/2005/2008/2010/2012/2013, Visio |
| **Web Servers** | IIS (Internet Information Server)5.0/6.0/7.5 |
| **Testing Tools** | Microsoft Visio 2003, Nun it |
| **Reporting Tools** | SQL Server Reporting Services (SSRS) 2008/2005/2000 |
| **Version Control** | Visual Source Safe 6.0,Team Foundation Server, Tortoise, Git |

**Professional Experience:**

**Client: Tennessee Valley Authority,Chattanooga TNAug 2016- Present**

**Role: Front End .Net developer**

**Description:**Provide [navigation](https://en.wikipedia.org/wiki/Navigation), [flood](https://en.wikipedia.org/wiki/Flood) [control](https://en.wikipedia.org/wiki/Flood_control), [electricity generation](https://en.wikipedia.org/wiki/Electricity_generation), [fertilizer](https://en.wikipedia.org/wiki/Fertilizer) manufacturing, and [economic development](https://en.wikipedia.org/wiki/Economic_development) to thea region particularly affected by the [Great Depression](https://en.wikipedia.org/wiki/Great_Depression). The enterprise was a result of the efforts. TVA was envisioned not only as a provider, but also as a regional economic development agency that would use federal experts and electricity to more quickly modernize the region's economy and society.

**Responsibilities:**

* Designed and developed Web Pages using **ASP.NET, C#.NET, HTML**, JavaScript, **AJAX**, jQuery CSS and server controls.
* Developed secure login interfaces with **ASP.NET** Server controls.
* Used various server controls like Multi View and Grid View with extensive data binding to display, page and sort multiple records.
* Used Validation Controls for corresponding validations required for business logic in Web Forms.
* Designed and developed user interfaces using **ASP.NET**.
* Coding the presentation layer using WPF and service layer using Windows Communication foundation technology.
* Created and maintained database objects like complex Stored Procedures, Cursors, and Tables, Views, User Defined Functions, in SQL Server 2012/2014 for inserting/Updating/Deleting the data into the relational tables
* Extensively used **MVC** for the designing User interfaces on multiple devices.
* Developed Custom Controls and User controls for reusable part of the web pages using C# with ASP.NET.
* Involved in testing like Unit test, Integration test, Acceptance test and Regression testing using **NUnit** and responsible for writing test scripts and scenarios.
* Created Rest full **API’**s using **MVC4** Web **API**’s.
* Create Database(s) on SQL **AZURE.**
* Involved in upgrading Angular2 to Angular4.
* Setting up SQL **Azure** Firewall
* Used Bootstrap CSS for front end design.
* Written the business logic in classes using **VB.NET / C#.Net** language and used in WebForms.
* Worked on **J-Query**/**JSON** for the retrieval of data.
* Worked with **AJAX** enabled **WCF** services using **C#** and **ASP.NET**.
* Integrated Gateway **O Data/ JSON** Services
* Developed **test-driven development (TDD)** strategy guiding use of the NUnit unit testing framework.
* Utilized C# generics, delegates, events, extension methods, anonymous types, and lambda expressions.
* Used LINQ to retrieve the data from the backend through Entity framework.
* Created and deployed Web Services using **ASP.NET** and **C#.Net**, and generated the proxy class files based on the web services to consume in web application.
* Extensively used **ADO.NET** objects like SQL Data Access, SQL Data Reader and DB2 SQL.
* Developing reports on **SSRS** on **SQL Server** (2000/2005/2008), and excellent in **SSIS** packages for integrating data.
* Developed Server side and Client-side code using **ASP.Net**, **JQuery** and **JavaScript**.
* Created Views by applying complex queries on multiple tables to create the virtual tables and implemented Cursors in Stored Procedures using SQL Server 2008, Implemented Joins in Stored Procedures to get the desired data by joining multiple tables.
* Used **TFS** (Team Foundation Server) for source code control, project related document sharing and team collaboration.
* Developed parameterized SQL queries and stored procedures to query database tables in **T-SQL**.
* Designed and developed applications using **VB.NET, ASP.NET** with **ADO.NET**, and **SQL 2008**.
* Responsible for testing, fixing the bugs and troubleshooting the technical problems.
* Modified applications according to the user's requirements.

**Environment**:.NET Framework 4.0, Visual Studio 2010, ASP.NET 4.0, C#, Application Blocks, AJAX, JavaScript, Angular Js, JQuery, JSON, XML, XSLT, JavaScript, BizTalk, SQL Server 2014/2012, LINQ, T-SQL, TFS, IIS.

**Client:  TD Ameritrade, Nebraska                                                                May 2014-July 2016**

**Role: Front End .Net developer**

**Description:** It is an online-trading application in which user can make their account and have access to dashboard which contain list of applications. These applications represent different company's current share updates in stock market Application merge real time financial information with data visualization technique in the form of graphs and charts with real time prices of current share Flexibility to get history of company’s performance in share market. Some of these applications are for free and some are paid. Application gives accurate investment decision making information to their users. Users can also manage their dashboard, create any number of dashboards and map applications based on category.

**Responsibilities:**

* Involved in the **SDLC** of requirement analysis, design and development of the web-based application in the fast paced **agile methodology.**
* Designed and developed web pages using **ASP.NET, C#.NET**, **JSON**, **HTML**, **JavaScriptand Angular Js**.
* Developed the application with n-tier architecture using Class libraries, **Data entities, Services, Data access layer, business logic layer and stored procedures.**
* Involved with the client team to design and develop the application according to client requirement using ASP.NET 4.5, Web API, and SQL Server 2014 with the business logic implemented using C#.
* Worked on several ASP.NET server controls like **Calendar, Grid View control, Repeater Control, ObjectDataSource Control** and handled server side events to optimize performance.
* Used **Master Pages** for branding purposes by displaying the logo and copy right information on every page and maintaining the same look and feel across the entire application.
* Created the User Interface with typescript, angular 4 and HTML 5.
* Effectively handled **ASP.NET client / server side state management** features such as **view state, hidden fields, cookies and query strings, application state and session state.**
* Extensively used **Grid view** and **Details view** to display information based on search criteria along with **Sorting**. Worked extensively on Grid view **custom templates** for providing additional flexibility. Implemented all **data manipulations** like Update, Insert and Delete on Grid view.
* Developed search and advanced search components using **Entity Framework** to retrieve the search results from backend database (**Asynchronous call**) with **AJAX** features and **Window Forms** with **partial page updates.**
* Designed, modeled and architected multi-threaded, enterprise n-tier software agent using **Windows Communication Foundation** (**WCF**) web service hosted in **IIS.**
* Developed web service interfaces for client and policy using **WCF**, **C#** and **Biztalk**.
* Extensively used **HTML tables as Grid**, for better performance instead of Data Grids along with **Paging**, **Sorting** and **Filtering** options. Data loading is being performed with **JSON**, **Entity Framework**.
* Developed the business layer with **LINQ to Objects** and **LINQ to SQL**.
* Used **Microsoft Application Data Blocks** for executing the **SQL stored procedures.**
* Performed **Integration test, Unit test, Stress and Regression test** with improved debugging standards.
* Created the .NET builds and made sure the builds are migrated all the way up to the Production Environment.
* Used SQL Tools such as **Query Analyzer** and **SQL Profiler** for query optimization.
* Involved in taking backups, Restoring, Import / Export data using **SQL Server Import and Export Wizard**.
* Used **Team Foundation Server** (**TFS**) for all the source code maintenance needs, tracking using work items.

**Environment**:.NET Framework 4.0, Visual Studio 2010, ASP.NET 4.0, C#, Application Blocks, AJAX, JavaScript, Angular Js, JQuery, JSON, XML, XSLT, JavaScript, BizTalk, SQL Server 2008, LINQ, T-SQL, TFS, IIS.

**Client: Guardian Life Insurance Company, Princeton, NJ                              Oct 2013 -April 2014**

**Role: .Net Developer**

**Description**:

Guardian Life Insurance Company of America and its subsidiaries sell life, long term care insurance, disability income, group medical and dental insurance products, and offer 401(k), annuities and other financial products. ACT (Agency Compensation Transformation) Initiative project intends to replace the existing FAS mainframe system and Agency Accounting interfaces that will offer Guardian expanded IT capabilities.

**Responsibilities:**

* Developed & supported web applications, WCF in ASP.Net (3.5/4.5) & C# as part of XSM applications.
* Developed SSIS package by using Batch commands, File System Task, Execute Process Task, Execute SQL Task & Sequence Container to copy tab delimited CSV files from Remote Server to our local server through batch commands & Execute Process Task & then processing these files & saving their data in given table in SQL Server 2008 database through Execute SQL Task.
* Used Script Task for sending Emails to the concerned business users on the successful run of the package & also on the failure of the package with the Excel File attached having the description of the steps of the package executed.
* Involved in testing, debugging and implementation.
* Used **SilverLight**to provide animations and embedded web controls
* Implemented server side validation using **ASP.Net Validation Controls**.
* Assigned permission and roles based on the hierarchical position of user using **ASP.Net authorization**.
* Created dynamic web pages for generating dynamic tables.
* Created **Authenticated logins** and validated permissions.
* Used Data Grid, Data List to populate data from database
* Involved in Debugging and Testing of the application.
* Generated different reports to assist in decision making using **Crystal Report**.
* Performed detailed documentation such as Technical specification, design document, Status reports, etc.

**Environment:** Microsoft Visual Studio 2010/2013, SQL Server 2008/2012/2014, SQL Server BIDS 2008/2012**,** ASP.NET 3.5/4.5, C #, WCF, MVC 5, Entity Framework 6.1, PL/SQL, SSIS, Microsoft TFS.

**Client**: **Medico Health Line Inc., Atlanta, GA.Aug 2012-Sep 2013**

**Role: .Net developer**

**Description**:

Hospital Management System is an in-house application provides Patient Administration,

Billing and Pharmacy Management functions for the hospital. The major functions are registration and

recording personal details, handling hospital admissions and assigning insurance details for billing,

recording transfers within the hospital and creation of discharge summary and details. The Billing module

looks into multiple modes of payment. Pharmacy management includes maintenance of drug composition,

batch-wise stock of drugs, and drug categorization for reporting.

**Responsibilities:**

* Used **Web API** to create **RESTful Services**, for communication and providing data from the Integrated Server to Client Application
* Developed N-Tier Application with UI, Business and Data Access layers using **C#**, **Web API** and **ASP.NET MVC**
* Created **User Controls, Master Pages and CSS** to improve the look and feel of the website
* Developed**View-Models**torestrictthecontrollerstocontrolthedataflowbetweenthe modelandview.Implemented**ActionFilters**tohandleerrors,**Validation&Authorization**
* Implemented the business logic using **C#** in the middle tier and implemented **Multithreading** for asynchronous operations
* Used**AJAX**forPartialPageUpdating,InvisibleDataRetrieval,ConstantUpdating,SmoothInterfaces,SimplicityandRichFunctionality.
* Used**DataAnnotations**,**HTML** and **jQueryvalidations**inWebFormsforfrontenddevelopment
* DesignedanEnrollmentUIfortheprojectwhereonecanregisterwithpersonaldetails
* Designedthe**databasestructure**forstoringusers’personalinformation using **SQL Server Management Studio**
* Used**MVC**and**MVVM**pattern in development
* Createdandconsumed**WCF**servicesfrom different mobilityplatforms
* Client-sidevalidationsaredesignedusing**DataAnnotations**and**JavaScript**
* Created**storedprocedures**,**T**-**SQL**statements,**functions**tomanipulatethedatabases

**Environment:**ASP.NET4.0;C#;WebServices;WCF;MVC4.0;HTML5;CSS3;BootstrapCSS;Visual Studio2013;SQLServerManagementStudio2012;AJAX;TFS.

**Client: Bank of Oklahoma – TulsaOct 2010 - July 2012**

**Role: .Net developer**

**Description**:

Bank of Oklahoma provides consumer, business, commercial and wealth management banking services. In addition, Bank of Oklahoma provides investment and trust services, mortgage origination and servicing along with an electronic funds transfer network.

**Responsibilities:**

* Used **WCF** to create **SOAP Services**, for communicating and providing data from the Integrated Server to Client Application
* Used **ADO.Net Entity Framework** Code First for database access, query and manipulation
* Developed data access class for **Portfolio Summary** and S**tock details** using **LINQ**
* Implemented the business logic using **C#** in the middle tier
* Created Stored Procedures and modified the existing ones to improve performance via **SQL Server Management Studio**
* Designed the application to be **Dynamic**, using **AJAX**, **JavaScript** and **jQuery**
* Designed and developed the front-end using **HTML**, **CSS**
* Involved in **unit testing** and **regression testing** using **Microsoft Test Manager**
* Used **Git VCS** for Source Control
* Developedapplicationsin**TestDrivenDevelopment**environmentusingUnitTesting
* Implemented the project using **Waterfall** methodology.

**Environment:.Net Framework, C#, SQL Server 2010, Web API, LINQ, AJAX, HTML, CSS, jQuery, JavaScript, BootStrap, Git VCS, Microsoft Test Manager**

**Client: Maximus Infoware (INDIA)Pvt Ltd - Hyderabad, India Aug 2009 - Sep 2010**

**Role: .Net Developer**

**Description**:

CREME - e-CRM is a unique package that includes powerful Employee Relationship Management and Customer

Relationship Management along with an integrated unique Workflow Engine. Key Modules included in the CRM

are Document Management, Project Management, Purchase Management, SalesManagement,

HR Management, Warehouse Management etc.

**Responsibilities:**

* Worked on **waterfall model** project management.
* Analyzed the requirements and prepared the analysis report.
* Used **ADO.NET** objects such as **Data Reader**, **Dataset** and **Data Adapter**.
* Involved in Writing, Modifying complex **Queries**, **Stored Procedures** and **Triggers**
* Designed and developed the User Interface using **Win-forms**.
* Developed the components for middle tier (Business Layer).
* Source Code implemented using **C#.Net**
* Developed **Win Forms** and integrated these forms with **WindowsServices**.
* Developing User Control for Common Functionality in the **ASP.NET**
* Performed validations using Validation Controls and **JavaScript**.

**Environment: Visual Studio 2008, C#.Net, ADO.NET, HTML, CSS, JavaScript, SQL server 2005, Windows XP Pro, IIS, CSS, XML**