**Richa Sharma**

Full-Stack .NET Developer

**Professional Experience:**

* Over 7 years of professional experience in Object-Oriented Design and Analysis with extensive experience in the SDLC process, a .Net developer, and a Full Stack Developer.
* Experience with Agile, Scrum and Waterfall and heavy involvement in all phases of Software Development Life Cycle (SDLC) such as planning, analysis, design, implementation, testing and maintenance of Web/Windows Based, Test-driven development (TDD) Client-Server and N-tier Architectures.
* Experienced in web applications using .Net Framework, .Net Core, C#.net WCF, WPF, ADO.NET, SQL SERVER, SSRS.
* Strong knowledge in implementing N-Tier Architecture in Windows and Web-based, Client/Server, Internet, and distributed applications in Microsoft Technologies.
* Created deployment packages for Applications using Visual studio.Net Start-up Project with specializing in design, and programming (OOA, OOD, and OOP).
* Experience in front-end development with technologies like Bootstrap, Node JS, Angular JS, Angular 6, Typescript, JavaScript, JQUERY, HTML5.
* Fully-fledged with client-side scripting like JQUERY Selectors, Events, JQUERY UI, Plug-in and AJAX, etc.
* Proficient in using HTML5 tags such as header, aside, section, and CSS3 modules such as Backgrounds, Borders, Text Effects, and Multiple Column Layout to create rich UI.
* Involved in creating Graphical UI using HTML5 features like Canvas and Vector Graphics
* Designed and developed web pages using HTML, CSS3, Angular JS, JQuery, AJAX, JavaScript, and ASP.Net, WPF.
* Experience in designing and branding Master Pages using Custom Controls, Data Grid control, Form Validation controls, and Third-party like Telerik, Kendo UI.
* Excellent knowledge in working with Angular, Bootstrap, Web API, and Microsoft, Share point2013.
* Expertise in AngularJS controllers, directives, components, factory and service resources, routings, and events.
* Performed unit testing frameworks using tools MS-Unit, NUnit, and integration testing, system testing Regression testing, and performance testing.
* Experience in creating Web Forms, User Controls, and Custom Controls using C#.Net and ASP.Net.
* Experience in securing web applications using ASP.NET authentication (Forms-based Authentication) and authorization mechanisms like authorizing Users, Roles, and User Account Impersonation
* Strong working expertise in building & deploying applications with ASP.NET MVC Framework.
* Experience building, managing Web Applications using ASP.NET Web Forms and MVC (Razor/ASPX engine), HTML, CSS, JQuery.
* Experience creating controllers and controller Actions, Filters, Routing using ASP.NET MVC 4/5 (Model view controller).
* Extensive experience in MVVM, ASP.NET MVC 5.0, 4.0, and JSON software design patterns and good experience in developing web applications using MVC (5.0/4.0) Web API framework.
* Involved in Designed and implemented UI for the application using ASP.NET MVC 5 Web Server controls.
* Experience in creating Views, Partial Views, Views, Sections, and Areas, etc., In ASP.NET MVC and developing complex MVC Controller, View Models and Helper methods linked to the backend database
* Hands-on experience in Windows Communication Foundation (WCF) & Windows Presentation Foundation (WPF) for building service-oriented applications that communicate across the web and the enterprise
* Created WCF service using C# to send business document images to store in a repository
* Created Model objects using Entity Data Model with Entity framework.
* Extensively used Microsoft SQL Server, MS Access, ODBC, OLEDB, MYSQL/PL/SQL/T-SQL, and Oracle SQL, Oracle 9i/10g/11g/12g, and MS SQL Server.
* Sound knowledge in writing T-SQL queries, stored procedures, Triggers along with Data Transformation Services (DTS), views, user-defined functions, packages, database performance tuning, indexing, database backup, and restore.
* Experience working with JIRA for Issue Tracking and bug Fixing
* Experience in version control using GIT, Bitbucket, TFS and comfortable with feature branches, rebasing, merging
* Excellent communication, interpersonal, and technical skills with the capability of taking up responsibilities independently as well as working in a team.

**Professional Experience:**

**Epsilon, Irving, TX Apr 2019- Current**

**Full Stack .NET Developer**

**Responsibilities:**

* Designed and developed the Application using ASP.Net MVC & UI using HTML, CSS, Angular, JQuery, JavaScript
* Used Agile methodology with daily scrums during the SDLC process to deliver higher-quality software.
* Developed RESTFUL WCF Service and Web API for a web application in JSON format.
* Involved in Application Development, Implementation, and Maintenance using ASP.NET MVC. ­
* Developed and maintained web applications using C#, ASP.NET, Web Services, WCF, SQL Server 2016, HTML5, jQuery, Angular 8, Web API, and Ajax.
* Consumed API's client-side using Angular 6 data binding and Created the Web API controllers in ASP.NET MVC to build Restful API's.
* Used ASP.NET, C#, and back-end database like SQL Server 2016 to implement the project.
* Wrote SQL Stored Procedures in SQL Server 2016 and LINQ to Entities to bind the data to Grid View, Data List, Details view, Repeaters, Dataset Classes for data manipulation.
* Designed Graphical User Interface (GUI) using Master Pages, HTML, JavaScript, and CSS classes.
* Implemented CRUD functionality with Entity framework (ORM) in ASP.NET MVC and implemented sorting, filtering, and paging with Entity framework in MVC.
* Worked with WPF, Silver light 3.0 to develop the Graphical Representation of Insurance Reports
* Used Angular JS and bootstrap to style the pages.
* Created and deployed a tool to automate branch and project creation in GIT using Groovy in Jenkins File and automating with Chef.
* Data display data Grid view using DevExpress
* Involved in implementation of several WPF applications, all of which use MVVM pattern.
* Write VB.Net programming according to company specifications and requests.
* Created Business Logic Layer & Service Layers to implement the MVVM architecture.
* Developed modules of the application in .NET MVVM and involved in writing VB classes
* Developed code for operations between the application and the database using LINQ with Lambda Expressions in C#.
* Migrated Data from different sources (Text-based files, Excel spreadsheets, and Access) to SQL Server Databases using SQL Server Integration Services (SSIS).
* Framework and publishing along with SQL Management studio.
* Integrated Angular 6, Angular 2 framework controls to support HTML Controls.
* Used SSRS to create reports, customized Reports, ad-hoc reports, and involved in analyzing multi-dimensional reports in SSRS.
* Used C# language to develop the business logic, and extensively implemented the Object-Oriented Programming (OOP) Functionalities and Web forms.
* Created and tuning the database objects like complex Functions, Packages, Triggers, Indexes, and Views in Development and Production environment for SQL Server.
* Developed Reports using SQL Reporting Services and implemented Optimized SQL Stored Procedures
* Used Team Foundation Server for version control and Shelve pending changes of the source code along with the maintenance of the builds and the relevant documents of the same.

**Hasbro, Providence, RI Mar 2018 – Mar 2019**

**Full Stack .Net Developer**

**Responsibilities:**

* Involved in the SDLC of the project, including Architecture, analysis design, development, debugging, testing, and deployment.
* Worked in the Scrum environment, attending the Status Meetings and updating status and involved in Code Review, Implementing User Stories, etc.
* Developed windows application using C#.Net, WPF, Visual Studio 2015 and SQL Server 2012
* Designed and implemented UI for the application using ASP.NET MVC 5 Web Server controls.
* Designed the ASP.NET application authentication using .NET Framework, Model View Controller MVC, and IIS 7.0 security model.
* Designed and developed the Reusable UI Components Like MVC Master Pages “Layouts and Nested Layouts,” “View Start,” and MVC User Controls “Partial Views.”
* Created various Angular Services & injected them into Angular Controllers (using Dependency Injection) to enable AJAX calls and created custom angular directives to create their HTML tags and induce some functional behavior to those tags.
* Designed a dynamic user interface for web forms using ASP.NET MVC, HTML, and implemented business logic using C#.NET.
* Wrote a Restful based service layer in ASP.NET MVC that made requests very intuitive and understandable.
* Created ASP.NET Web Service to serialize XML data over HTTP, where the third party uses XML for the query and transferring the data.
* Developed web services using Web API 2 and back end database modeling with Entity Framework.
* Consuming and integrating web services from client-side using JQuery AJAX Libraries.
* Used ADO.NET components like SQL Connection, SQL Command, Data Adapter, Data Set, Data Reader, Grid View, and Details View for database connection and database communication.
* Extensively used Data bound controls like Grid View, Data List, and Data Repeater controls.
* Created Tables and Views on the SQL Server. Written SQL Scripts such as Packages, Stored Procedures, Functions, and Triggers to manipulate and retrieve data from SQL Server databases.
* LINQ was extensively used in view extension to parse out unnecessary information and to make a call to the SQL database.
* Implemented AJAX functionality using Angular JS to load contents individually in different partial views to minimize loading time and for better user experience.
* Implement data grid/tables using Angular JS for front-end client-facing of the Single Page Application (SPA)
* Developed ASP.NET MVC 4 applications using Code First Approach in Entity Framework 4.0 and UI in Razor View Engines
* Consumed Restful Web Services with Angular JS 1.4.0 updating the Model and Views of the application.
* Developed secured web services using .Net, C#, XML/SOAP.
* Designed and developed dynamic ASPX web pages using C#, ASP.NET, HTML5, JavaScript, and JQUERY.
* Used HTTP verbs GET, POST, PUT and DELETE to implement WEB API Services for CRUD operations.
* Handled exceptions in Web API using Http Response Exception and customized the Exceptions using Exception Filters and registered them at the Action Level.
* Used report items like tables, sub reports, and charts to develop the reports in SSRS.
* Wrote complex T-SQL queries for data extraction, loading the Data in RDB (Relational Database) Landing through SSIS Packages.
* Created SSIS packages to transfer data from heterogeneous databases & different files format (Text File, Spread Sheet) to SQL Server.
* Involved in Debugging & Supporting the application and Performed Unit Testing using N-Unit.

**Dean Foods, Dallas, TX Apr 2016- Feb 2018**

**.Net Developer**

**Responsibilities:**

* Collected and analyzed the business requirements from the business analysts.
* **Participated** in full development life-cycle using Object Oriented Programming (OOPS) concepts and Agile.
* Designed and developed various interfaces, classes to construct the business logic using C#.
* Implemented Partial views (user controls), Master Pages, Strongly-Typed Views, and Complex Views.
* **Developed** complex view using ASP.NET MVC Razor engine, JQuery UI, server-side scripting with C#, .NET Framework 4.0.
* Developed Entity Framework MVC5 pattern for the DAL (Data Access Layer) and UI (User Interface) with Bootstrap/ JQuery for the front end.
* Used Database CODE FIRST and Entity framework CODE FIRST to improve the overall performance of the application.
* Developed concepts usingC#.NET*,* MVC ASP.NET, Entity Framework.
* Developed Multi-Tier Application in .NET using the N layer approach and developed the presentation layer using MVC, business layer using C#, and the data access layer using Entity framework.
* Designed and developed the Reusable UI Components Like MVC Master Pages ‘Layouts and Nested Layouts’, ‘View Start’, and MVC User Controls ‘Partial Views.’
* Designed the application using MVC architecture that promotes a clear separation of presentation, business logic, and data access tiers.
* Used WCF to build service-oriented applications rapidly that communicate across the web and the enterprise utilizing MVVM and Repository pattern.
* Participated in a fully scalable WPF based client/server brokerage application using C#, WCF, Entity Framework, and SQL Server.
* Worked on SQL Server, developing Stored Procedures, Triggers, Functions, and Views to access the SQL database and wrote T-SQL queries to fetch data as per the business requirements.
* Developed SSIS packages for integration with downstream/upstream applications and generating reports that could be sent to other systems.
* Used SQL Server Reporting Services (SSRS) to generate reports against a SQL database.
* Used JQuery on client-side validations, triggering events, popup window, and alert messages
* Improvised user experience using JQuery. Used JQuery event handling mechanism to dynamically assign events on web controls.
* Heavy use of Knockout view models for separation of UI, data, and logic concerns.
* Leveraged JQuery for page scripting, AJAX calls, and JSON and XML for passing objects from Controller to View and vice versa.
* Used JQuery extensively to perform JavaScript validations and AJAX updates.
* Developed view and models and helpers and partial views using ASP.NET MVC3, HTML5, CSS3, and JQuery, C #, VisualStudio2010, and Telerik controls.
* Developed Razor views with strongly typed view models, helpers, and partial views using ASP.NET MVC4, CSS3, and C#.
* Created LINQ enabled database layer using API such as LINQ to SQL and Entity Framework.
* Integrated process into build system which auto-generates REST API documentation from source code, improving API documentation quality and availability while reducing maintenance costs.

**Verisk, Jersey City, NJ (Offshore) Jan 2013 – Sept 2015**

**.Net Developer**

**Responsibilities:**

* Interacted with the end-users to identify business requirements and gather the requirements for business logic fulfillment.
* Involved in Analysis, Design, Implementation, Testing, and Maintenance, for the complete Software Development Life Cycle (SDLC).
* Used Object-Oriented Programming (OOP) concepts such as encapsulation, inheritance, polymorphism, and abstraction, developed solutions for diverse programming scenarios in C#.
* Written code to access secure Web Services using .Net, Webform using C#, WSDL, Proxy Class, and XML/SOAP.
* Designed, developed, and consumed .Net WebServices for the project and Development support for .Net web services in ASP.Net with C#.Net and consumed it.
* Used Web Services, SOAP, XML, XSL to expose the reports to facilitate information sharing.
* Created Data tables and applied the Web Service Enhancements to the Web Service so that the reliability increases.
* Implemented Web Services to use in the application for critical operations.
* Used ASP.NET, SOAP, and XML to create and deploy Web Services to pull customer service records.
* Interacted with the other applications by modifying Web Services and exposed them using SOAP and HTTP.
* Used ASP.NET MVC Partial Views to design and develop user interfaces and multiple interfaces to transfer the data into a different server.
* Built a layered Knockout JS binding system to support partial views.
* Worked with User Controls with C# code-behind files, debugging, and Quality Testing of the code.
* Utilized LINQ to Entities extensively for data retrieving, Querying, storing, and manipulation.
* Created and maintained database objects like Tables, complex Stored Procedures, Views, Triggers, Joins, and Cursors.
* Optimized queries for performance by looking at the Execution plan, creating views, and Indexes using SQL Server Database.
* Developed stored procedures, views, and triggers for data manipulation, ensuring set up relations include indexing, constraints, and foreign keys.
* Created ad-hoc, Drill Down, and Drill through Reports and Generated custom and parameterized reports using SSRS.
* Automated the execution of SSRS Reports using Subscriptions and Data-driven subscriptions.
* Designed and developed MS SQL SSIS packages to import/export data from various data sources.
* Implemented User Interface with Master pages, themes, CSS, Web server controls and User Controls.
* Provided production support for Development as well as User Acceptance Testing environment.
* Performed Unit testing of the application and subsequently handled the debugging issues.