**Sagar**

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**Professional summary:**

* 7+ years of professional experience as a .NET developer in various phases of software development life cycle (SDLC) including analysis, requirement engineering, architecture design, database design, development, enhancements, maintenance of standalone, Multi-tier, web and windows based, portals-based object-oriented enterprise applications using Microsoft .Net technologies.
* Developed n-tier web applications in .NET environment using **C#.NET, LINQ2SQL, ASP.NET, ADO.NET, LINQ, Reflection, XML, XSL, MVC, MVVM VS.NET, IIS, SQL server, Oracle, WPF.**
* Applied Multithreading techniques for creating high performance applications.
* Experience in developing Master pages, CSS to separate content of document from its presentation, java script to perform client-side validation and **AJAX** to develop interactive web applications
* Experience working with User Controls with **VB.NET** code-behind files, debugging and Quality Testing of the code.
* Experience with Object Oriented Paradigm Design Patterns including Model View Controller (**MVC**) and their implementation using polymorphism, inheritance and encapsulation.
* Have knowledge in **AWS** like Amazon EC2, Amazon S3, Amazon Redshift, Amazon EMR and Amazon SQS.
* Having experience in **RESTful** web services with Angular.js along with JSON to generate response data for user interface.
* Used **MVVM** (Model-view-view model pattern) to utilize the strong separation of display from state and behavior in aspects of look-less control model and data templates.
* Implemented server side and client-side validation modules using validation controls and java script
* Hands on experience on Dynamics **CRM** forms Customization using JavaScript and integration of CRM with other Web/Windows applications.
* Expert in developing distributed applications using technologies that provide a suitable framework like Windows Communication Foundation (**WCF**), **ASP.NET Web Services** using SOAP and .NET Remoting.
* Having knowledge on creation of custom **Docker** container images, tagging and pushing the images.
* Have knowledge in Creating, deploying and managing reports using SQL Server Reporting Services(**SSRS).**
* Experience with **.Net Site core** repository, multilingual content management.
* Have experience to create and customize Windows Workflow Foundation (WWF) from within Visual Studio to provide custom business **workflows.**
* Hands on experience of Object-Oriented Analysis **(OOA**) and Object-Oriented Design (**OOD**), Software design patterns and UML Modeling.
* Experience in design and programming with web technologies **like AJAX, HTML5, XML, and XSL/XSLT, jQuery** and **JavaScript** frameworks.
* Implemented UI using Model-View-View Model (MVVM) pattern and involved in creating WPF applications using MVVM pattern.
* Experience working with repository contains a set of native **AngularJS** directives based on **Bootstrap's** markup.
* Have knowledge working with Windows **Azure**, ASP.NET MVC framework, JQuery frameworks, Angular JS, WCF, WEB API.
* Worked extensively with UI development frameworks **Telerik** and **Infragistic** controls, and Having knowledge on popular UI frameworks as Knockout and Kendo UI
* Extensively used CSS3 framework library for easier, standards-compliant styling of a web page using the Cascading Style Sheets language.
* Extensively used LINQ to interact with various objects like XML, SQL and Collections.
* Experience in ORM Tools such **Entity Frame work** 6.0, **ADO.NET** data objects, LINQ TO SQL.
* Implemented many design patterns like, Singleton, Factory, Strategy, Façade, Template and Dependency Injection Design Patterns and having experience in DI Frameworks NInject and Unit
* Developed **Stored Procedures**, Triggers and development of Database Objects using PL/SQL, T-SQL in SQL Server.
* Experience in Software Configuration Management (Daily Build, Release and testing methodology) Using tools like Team Foundation Server (**TFS**), Microsoft Visual Source Safe (VSS).
* Experience in Client Side debugging tools such as Firebug, Fiddler and SOAP UI
* Self-motivated and reliable developer with quick learning capabilities, excellent interpersonal, communication, organizational, analytical and problem-solving skills.

**Technical Skills:**

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| --- | --- |
| Languages | C#, .NET, VB6, VB.NET, C, C++, SQL, PL/SQL and T-SQL. |
| .NET Technologies | Microsoft .NET Framework 3.0/3.5/4.0/4.5 (CLR, CLS, CTS), C#, VB.NET, ASP.NET, ASP, ADO.NET, XML Web Services, Win Forms, Web Forms, SOAP, LINQ, NUnit, WCF, WPF, AJAX, Entity Framework, MVC, Web API. |
| Web Technologies | HTML5, DHTML, XML, XSLT, XPATH, CSS3, JavaScript, VB Script, JQuery, Power Shell Scripting, Kendo UI, KnockoutJS, AngularJS, Telerik web controls. |
| Database | MS-SQL Server 2005/2008/2008R2/2012/2014/2016, MYSQL, MS Access 2007, DB2 and Oracle 8i/9i/10g, R12. |
| Development Tools | Microsoft Visual Studio 2015/2013/2012/2010/2008. |
| Middleware | Web services, WCF Services, SQL Server Integration Services. |
| Web/App Servers | Internet Information Server (IIS 6.0/7.0), Subversion SVN Server, TFS Server, GitHub. |
| Reporting Tools | SSIS, SSRS, SQL\*Loader, SQL\*Plus, TOAD and MAP tool kit. |
| Design pattern | MVC, MVP, MVVM. |
| Operating Systems | Windows 8/7 Windows Server 2008/2012. |
| Versioning Tools | Visual Source Safe and SVN Tortoise, Team Foundation Server (TFS) |
| Reporting Tools | SQL Server Reporting Service (SSRS), Crystal Reports, SQL Server Integrated Service (SSIS), SQL Server Analytical Services (SSAS) |
| Testing Tools | N-Unit Testing, SOAP UI (Web-Service Testing) |

**Professional Experience:**

**Client: BrandAlliance, Charlotte, NC Jun 2017 – Till now**

**Role: .NET Full Stack Developer**

**Responsibilities:**

* Developed complex **MVC** Controller, View Models and Helper methods linked to backend database.
* Created Business Layer/Data Access Layer using C#, **ADO.NET**, SQL Server.
* Used customized services and directives in **AngularJS** to develop dynamic and responsive **web pages**.
* Implemented View Model concepts in Model-View-Control (MVC5) software architecture in Web Applications to develop new objects from the retrieving data collections for better separation concern.
* Created Single Page Application with the help of **Angular4** Router Module and used template routing for bread crumb.
* Used Angular 4 Reactive forms to implement complex forms and performed the validations using Form Builder.
* Design and implement new functionality as well as enhancements using .Net/ **WPF** and Telerik development toolkit
* Created Event Emitters and implemented Callbacks for Asynchronous Programming to improve the response time.
* Analyzed business requirements, participated in technical design, development and testing of various modules assigned.
* Achieved both Server-Side and Client-Side Validation using Data Annotations, **C#.NET**, HTML5/HTML helper, CSS3/CSS, **Master Pages**, **JavaScript, JQuery**, Web Parts and Data controls, which are used for the entire site giving the site a dynamic look.
* Used Http Response Exception to handle the exceptions in Web API and customized the Exceptions using Exception Filters and registered them at the Action Level.
* Created and deployed **XML Web Services** using **C#.NET**, used them to generate the proxy class files based on the Web Services and consumed in Web application.
* Developed web applications using **ASP.NET** and **AJAX** Extensions under MVC architecture.
* Extensively used **WPF** user controls to provide page documents along with native support of XML paper specification documents and handled routed events and used various stack panels and controls in WPF.
* Used Microsoft **StyleCop** for maintaining Code Standards (and convention) before build jobs.
* Perform code refactoring, migrating legacy win form application to WPF / MVVM platform.
* Developed **ASP.NET** server controls, user controls and **HTML** Controls.
* Created **stored procedures, indexes, views, trigger** and **tables** in **Sql Server** and integrated them with .**net** application.
* Created and deployed XML Web Services using ASP.net and C#, used them to generate the proxy class files based on the web services and consumed in web application.
* Following **code review** process with the special tool called **collaborator** and closing review comments before check-in the code.
* User interface screens developed using **VB.NET** and using Telerik RAD Ajax controls
* Working with architects for designing, and coordinate with the testing and business teams.
* Used Bootstrap, **AngularJS**, for developing modules on front end.
* Configured Windows Communication Foundation(WCF) service to authenticate clients with Windows credentials for intranet applications for login validations.
* Created and consumed WCF services and **RESTful** Web Services.
* Used AJAX Controls like Script Manager and Update Panel to develop the GUI.
* Used XML intensively to bind the data to the Web Controls, Data manipulation to store data.
* Developed **Stored Procedures**, Triggers, and Views in the SQL Server.
* Created Unit test cases for the application using NUnit and Visual Studio Unit Testing Framework

**Environment**: Visual Studio.NET 2015, ASP.Net 4.5, MVC5.0, Entity Framework 6.0, AngularJS, C#, JavaScript, jQuery, Bootstrap, CSS3, Azure, Ajax, LINQ, XML, SQL Server, SSRS, SOA, WCF, TFS, VSS, IIS 7.0, Web Services, VB.Net, XSLT, XSD, UML, Angular4, Typescript, ES6, Rxjs, Angular CLI, TFS, GIT, Jasmine, Docker, Agile, Postman.

**Client: Rigzone, Houston, TX Jul 2016 – May 2017**

**Role: .NET Developer**

**Responsibilities:**

* Actively involved in **SCRUM** meetings discussing the implementation, integration of backlog modules considering the released version of software and best practices for solutions.
* Worked with n-Tier Architecture involving Services Layer, Data Access Layer, and Business Layer.
* Major role in the development of the web application using **ASP.NET MVC 4.0, C#, VB.net, Java script, JQuery, Bootstrap, Entity Framework, Angular JS** and **AJAX**.
* Developed Business Logic layer by implementing Object Oriented Programming Language (OOPs) features like **Inheritance, Polymorphism, Abstraction** and **Encapsulation** in C#.
* Developed single page applications using **Angular JS**.
* Created partial views and shared templates to reusable over the application.
* Developed Views using **HTML, CSS, JQuery** and **Bootstrap**.
* Used **MVC** Architectural Pattern in the application and Used **Entity Framework** for database operations.
* Created Control templates, Adorners, Data templates, Blend Trigger Actions, Styles, Style Triggers, Value Converters, Commands and Dependency /Attached Properties for the **WPF** application.
* Designed and developed many internal- and external-facing websites, using **ASP.NET** and **MVC Razor** 5, against a **Microsoft SQL Server** database.
* Involved in testing and fixing the issues occurred in the testing process.
* Implemented business logic’s in server side and integrating Data Access Layer (DAL) with Business Logic Layer (BLL).
* Responsible for code merging using **Microsoft Team Foundation Server** (TFS) and for other source code maintenance needs.
* Applied Multithreading techniques for creating high performance applications.
* Experience in developing Master pages, CSS to separate content of document from its presentation, java script to perform client-side validation and AJAX to develop interactive web applications
* Designing the **WCF** Service based on the requirement and created separate **WCF** services project which is integrated with **BLL**.
* Performed Database Operation-Inserting data, fetching of data and displaying on web controls through **XML** and in **JSON**.
* Design and Development of **Web Forms**, **Web Services**, Tables, PL/SQL functions, Procedures and Triggers.
* Consumed the **WCF** services using **JQuery, Ajax** calls to enable effective communication.
* Analyzed business processes to identify challenges and created solutions using database and communication software across the entire company.
* Developed the application which is compatible to both desktop browsers as well as mobile device-based browsers.
* Application performance is taken utmost consideration during construction as we developed this application for mobile device.
* Created **RESTful** services to support mobile applications.
* Analyzed test results, including user interface data presentation, output documents, and database field values, for accuracy and consistency.
* Implemented third party controls i.e. kendo controls and **jQuery UI** controls.
* Prepared unit test cases and performed **N-Unit** Testing prior to system implementation.

**Environment**: Visual Studio.NET 2015, ASP.Net 4.5, MVC5.0, Entity Framework 6.0, AngularJS, C#, JavaScript, jQuery, Bootstrap, CSS3, Azure, Ajax, LINQ, XML, SQL Server, SSRS, SOA, WCF, TFS, VSS, IIS 7.0, Web Services, VB.Net, XSLT, XSD, UML.

**Children’s Health Care of Atlanta Oct 2015 – Jun 2016**

**Role: .NET Full Stack Developer**

**Responsibilities:**

* Involved in full Software development life-cycle (SDLC) followed by Agile SDLC using SCRUM methodologies to produce high quality software model.
* Developed web applications using **ASP.NET** and AJAX Extensions under **MVC** architecture
* Designed different components using **C#.NET** language and built on n-tier architecture with extensive use of Object-Oriented Programming Techniques like Inheritance, Interfaces etc.
* Designed and developed SOA services using Web Services/ WCF in C#.NET.
* Created and deployed **XML Web Services** using ASP.net and C#, used them to generate the proxy class files based on the web services and consumed in web application.
* Used Data Contract as the standard mechanism in the WCF for serializing .NET object types into XML.
* Implemented the business logic and data access layer in **VB.Net**.
* Effectively used **JQuery** a concise JavaScript Library for traversing HTML document, event handling and AJAX interactions
* Implemented WEB API RESTful Services for CRUD operations with HTTP GET, POST, PUT and DELETE.
* Involved in **code reviews** and performance testing using MS Visual Studio Testing and code analysis tool FxCop and **StyleCop**.
* Involved in development of web-based projects module for the utility permit application utilizing .NET, **ArcGIS** API for JavaScript, DOJO, and REST.
* Used Http Response Exception to handle the exceptions in Web API and customized

the Exceptions using Exception Filters and registered them at the Action Level.

* Involved in the implementation and creation of **WPF** application, all of which use MVVM pattern, castle Windsor for IOC, and NUnit for unit testing.
* Used SQL Server Reporting Services (**SSRS**) for all reporting purposes, creation of new and modification of existing reports.
* Working with architects for designing, well coordinate with the testing and business teams.
* Configured Windows Communication Foundation(WCF) service to authenticate clients with Windows credentials for intranet applications for login validations.
* Created and consumed WCF services and **RESTful** web Services.
* Used C#.NET as code behind in all web applications and in WPF based applications.
* Used AJAX Controls like Script Manager and Update Panel to develop the GUI.
* Used XML intensively to bind the data to the Web Controls, Data manipulation to store data.
* Developed Stored Procedures, Triggers, and Views in the SQL Server.
* Used Team Foundation Server (TFS) for project repository and versioning control, and source code along with the maintenance of the builds and the relevant documents of the same.
* Used several test cases to check for bugs in the code and for bad data.

**Environment**: Visual Studio.NET 2015, ASP.Net 4.5, MVC5.0, Entity Framework 6.0, AngularJS, C#, JavaScript, jQuery, Bootstrap, CSS3, Ajax, LINQ, XML, SSIS, Windows Workflow Foundation, SQL Server, SSRS, SOA, WCF, Azure, StyleCop, TFS, VSS, IIS 7.0, Web Services, XSLT, XSD, UML.

**Client: HomeAway, Austin, TX Aug 2014 – Sep 2015**

**Role: .NET Developer**

**Responsibilities**:

* Interacted directly with users to gather requirements and meet their needs.
* Designed and Developed modules using, **C#.Net** and SQL Server.
* Implemented **ASP.NET MVC** pattern mechanism to display product catalogs and categories
* Fixing and optimizing ASP.net web pages using C# and SQL Server 2008R2 stored procedures, and associating fixes/new code with tasks in Team Foundation Server.
* Developed Web forms for User Interfaces using **ASP.NET** and **C#.NET** using Server controls, HTML controls and User controls.
* Implemented Web Forms to provide GUI components using .NET Framework.
* Used web services in the appropriate scenarios to communicate using WCF services.
* Developing applications to implement **WPF** based desktop application development. Analyzed and designed new WPF application using **MVVM** and Repository pattern, from design to completion.
* Used Microsoft **StyleCop** for maintaining Code Standards (and convention) before build jobs.
* Develop a WPF WinForms client to utilize the RESTful services and display the data in from forms. Designed and coded the WinForms to do analysis on existing xml files and creating offline images.
* Participated in iterative and **SCRUM** -JIRA method of **Agile Methodology** with 2 weeks’ duration sprints with daily **standup meeting** updates
* Involved in troubleshooting issues occurred in web services and **ArcGIS** for Server, identifying and fixing issues with glitches identified.
* Designed **SSIS** packages for synchronizing the data between two different servers
* Used Entity Framework for some applications in retrieving all business objects from Database and developed business logic layer using **C#**.
* Prepared stored procedures, functions, and SQL queries using SQL Server.
* Created the data tables, views, relations and triggers using SQL server.
* Implemented client-side validations using **Angular JS**, JavaScript, **JQuery** and **AJAX**
* Worked on code integration.
* Used **AJAX** Toolkit to develop the controls.
* Worked directly with users to analyze business requirements and schedule release accordingly.
* Create SQL based reports using SQL Server Reporting Services (**SSRS**) with parameters and stored procedures.
* Used JavaScript programming in ASP.net and **AJAX** control toolkit web controls to make pages more user friendly, created tables stored procedures and triggers using SQL server, developed crystal reports, created test cases based on user requirements and tested web pages and conducted code reviews

**Environment**: ASP.NET, ADO.NET, Web Services, SOAP, ASP.NET, XAML, XML, .NET Visual Studio2010/2008, MS SQL Server 2008R2, SSRS, SSIS, Web Services, .NET 4.0/3.5, WCF, JavaScript, IIS 7.5/7.0, HTML5/HTML, DHTML, CSS3/CSS, UML, AJAX, Team Foundation Server2010

**Brainstorm-Hyderabad, India May 2013 –July 2014**

**Project: Tourism website**

**Role: .NET Developer**

**Responsibilities:**

* Involved in understanding and analyzing the client’s requirement and involved in GUI designing of the application.
* Modified built in classes for the applications to incorporate necessary functions.
* Created several reusable user controls using **ASP.NET** and **C#.NET**.
* Experience in working with XML Web Services, RESTful and Crystal Reports.
* Creating applications using **VB.NET** and enhancing projects for .NET applications
* Involved in developing applications in C#, Silverlight, and .Net to meet the business requirements using Visual Studio.NET 2010.
* Checked
* Involved in Customization, application development, extension and testing of **ArcGIS** functionality utilizing Arc Objects 10.2, .NET (C#),
* and Oracle RDBMS (and Oracle Spatial) for visualization of LiDAR mobile truck visibility angle windows of cameras from four sides although the data acquisition of road networks of sign extraction.
* Implemented Store Procedures, Triggers, and functions to exact the data from database on to the WPF window.
* Involved in designing and developing different modules using **C#.NET, ASP.NET**.
* Developed many Web Forms using .Net Framework and C#.NET.
* Developed presentation-tier **ASP.NET pages** in C#.NET & VB.NET, HTML using techniques such as Data Grid control, Validation Control, session state management.
* Created stored procedures and views using T-SQL to provide custom data access
* Created and consumed WCF Services using **C#.NET, ADO.NET** and **SQL Server**
* Used AJAX for asynchronous data transfer and to improve the performance of the application.
* Developed different modules for consuming **XML Web Services** using WSDL and RESTful API.
* Used Cascading Style Sheets (**CSS**) and **Master pages** to develop a neat User Interface.
* Implemented various Validation controls for client-side validation of Server Controls.
* Configured and implemented caching using Cache objects and Cache directives.

**Environment**: Visual Studio 2010, ASP.NET3.5, ADO.NET, AJAX, CSS, C#.NET, IIS6.0, MVC, Server 2005, T-SQL, CSS, Visual SourceSafe, JavaScript, XML, Crystal Reports.

**Client: Tekriti Software, Gurgaon, India March 2012 – April 2013**

**Project: TBO Connect**

**Role: .NET Developer**

**Responsibilities:**

* Developed and support above applications in **C#** and **ASP.NET**.
* Responsible for design and development of **Web Forms** using **C#.**
* Developed, enhanced and maintained multi-tier ASP.NET and ASP web applications Systems.
* Migrated VB 6.0 to **VB.NET**. As the existing modules functionality are developed using VB 6.0.
* Created application wide Silverlight animations using VSM (Visual State Manager)
* Use of Object-Oriented concepts, analysis and design using visual studio.net
* Designed and developed a **C#/WinForms** line side display to collect XML data and using SQL Server.
* Responsible for Database design, and creating of Stored Procedures, triggers to perform the Data retrieval from multiple tables in **SQL Server** 2005
* Developed web forms and user controls for the web application in **ASP.NET, C#**
* Wrote **HTML, JavaScript** and CSS for application.
* Developed, deployed and consumed **RESTful Web Services**.
* Data grid, data list and repeater server controls are used with **ADO.NET** to manipulate the data and generate results based on alert types.

**Environment**: #.Net, ASP.NET 3.0, CSS, SQL Server 2005, ADO.NET, Visual studio 2005, HTML, CSS, JavaScript.