**Shadhana Shrestha**

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**Professional Summary**

* Over 7 years of IT experience in design, development, testing and implementation of business software applications, Window based and Web-based environment, in Client-server architecture.
* Involved in various phases of Software Development Life Cycle i.e. Analysis, Design, Development, Implementation, Testing and Maintenance of software applications in the Client/Server environment.
* Experience in design, developing and implementation of web Applications using .Net Framework, Architecture Concepts, Visual Studio .Net (C#. ADO.NET, ASP.NET).
* Extensive experience of writing Stored Procedures, Views, User Defined Functions, Triggers and Indexes in SQL Server 2005/2008/2010/2012 and MS Access.
* Developed application in agile development pattern.
* Experience of working with latest concept of C# like Generic Collection, Custom, attribute, Reflection, Partial Class etc. and has excellent command on Multithreading.
* Successfully either implemented on N-tier and SOA architecture for various projects.
* Experience in working with WCF, WPF and XML Web Services using SOAP/REST.
* Expertise in C# .NET 2.0/3.0/3.5/4.0/4.5 and Object Oriented Concepts.
* Sound C# .Net, JavaScript, database objects debugging and profiling skills.
* Proficient in developing web user interface using ASP.Net, JavaScript, CSS.
* Excellent knowledge of Windows application development using C# .NET.
* Experience working with ASP.NET Master and content pages.
* Experience in ADO.NET components such as DataGrids, Datasets and Data readers.
* Excellent team player with problem-solving and trouble-shooting skills.
* Adept at learning new technologies and self-starter with good verbal and written communication skills.Ability to work on strenuous team/single projects and meet deadlines.

**Technical Experience**

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| **Languages** | **C#, C, C++, PL/SQL** |
| **Internal Technologies** | **Asp.NET 2.0/3.5/4.0.** |
| **Web Servers** | **IIS 5.0, 6.0, 7.0, 7.5, 8.** |
| **IDEs** | **Visual Studio 2005/2008/2010/2012.** |
| **Web Technologies** | **ADO.NET, HTML, XML, JavaScript, AJAX, CSS, JQuery.** |
| **RDBMS** | **MS-SQL Server 2000/2005/2008/2012, Oracle 8i/9i/10g/11g.** |
| **Operating System** | **Windows, Unix, Linux.** |
| **Reporting Tools** | **SQL Server Reporting Services (SSRS).** |
| **Interfaces** | **ODBC, ADO.NET, Web Services (SOAP/REST).** |
| **Version Control** | **VSS, TFS.** |

**Education:**

**Bachelor of Science, Computer Science & information Technology**

**Tribhuvan University, Nepal**

**Professional Experience**

**Client: Farmers Insurance, Los Angeles, CA May 2015 to Present**

**Role: .Net Developer**

**Responsibilities:**

* Involved in all the phase of SDLC from Software Requirement Analysis Phase to Design, Development, Testing, Integration, Implementation (UAT and production) and Maintenance.
* Worked closely with various business teams to gather the requirements to develop new features or enhance existing features.
* Developed web forms in ASP.NET using C# as the code-behind language and ADO.Net as the SQL data consumer.
* Designed and coded web Services using ASP.NET and consumed web service from web client.
* Implemented Server and Client side validations using ASP.NET validation controls and JavaScript.
* Used AJAX controls like UpdatePanel for partial rendering pages.
* Designed and developed various Abstract classes, Interfaces, Classes to construct the business logic.
* Made enhancements for the main application, including developing screen pop functionality for individual business area.
* Created tables, views, stored procedures and Functions to perform automated rules, using SQL Server.
* Created WCF services and deployed to IIS.
* Used ADO.NET objects such as SQL Connection, SQL Command, SQL Data Reader, SQL Data Adapter, Dataset and Data View.
* Documented all the specifications and code for future reference.
* Developed test plans and participated in code testing to ensure workability, completeness and quality.
* Provided troubleshooting and root cause analysis for the production issues and providing workaround for the users.

**Environment:** Visual Studio 2012, ASP.NET 3.5/4.0, C#, .NET 3.5/4.0 Framework, WCF, Web services, SOAP, SQL Server 2012, AJAX, HTML, JavaScript, CSS, IIS, NUnit, TFS.

**Client: Banner Health Phoenix, AZ January 2014 to April 2015**

**Role: .Net Developer**

**Responsibilities:**

* Responsible for design, development, implementation, testing, pilot, deploying and supporting the application.
* Responsible for developing application from scratch using C# .NET.
* Extensively utilized threads, delegates and XMLTextReader and StreamReader.
* Created and consumed Phone Directory web Services and utilized WPF Data Binding for UI.
* Authenticated directory users using LDAP authentication/authorization.
* Developed custom logs, to create trace logs for the entire application.
* Documented all the specifications and code for future reference.
* Performed Unit Testing and Integration Testing to make sure all the Business functionalities are reflected.
* Wrote technical documentation to accurately describe processes and outputs and support/back out procedures for production issues.

**Environment:**  Visual Studio 2012, C#, .NET 3.5 Framework, WPF, Web Services, SQL Server 2012, IIS, NUnit, TFS.

**Client: John Deere, Moline, IL June 2013 to January 2014**

**Role: .Net Developer**

**Responsibilities:**

* Involved in gathering the requirements from end-user.
* Involved in the analysis, design and development of the project.
* Heavy utilization of UML, OO and Design Patterns.
* Analyzed, designed, developed, tested and maintained the projects utilizing ASP.NET, and SQL Server 2012 as backend system.
* Designed and developed the UI using CSS, JavaScript, HTML and XML.
* Good understanding of ADO.NET objects such as SQL Connection, SQL Command, SQL Data Reader, SQL Data Adapter, Dataset and Data View.
* Worked on Team Foundation Server using Visual Studio development environment.
* Maintaining a web application using IIS.
* Accessing the remote data using XML web services in C#.
* Implemented Server and Client side validations using ASP.NET validation controls and JavaScript.
* Provided session level security authentication using session objects and cookies.
* Fixed bugs in the application at the business logic level.
* Handling Production issues and modifying the code according to the requirement.
* Involved in unit and Nunit testing the application.

**Environment:**  Visual Studio 2012, ASP.NET 3.5, C#, .NET 3.5 Framework, XML, HTML, JavaScript,

CSS, Web services, REST, SQL Server 2015, IIS, TFS.

**Client: T-Mobile, Atlanta, GA August 2012 to May 2013**

**Role: .Net Developer**

**Responsibilities:**

* Involved assisted in planning and development of application life cycle. Study and analysis of the Business process flow and existing systems requirements.
* Involved in agile methodologies.
* Developed web application with Microsoft .Net technologies, Web layer with Asp.NET and business layer with C# .NET, Data access layer with Oracle advanced functionality.
* Designed UI using AJAX controls/features and ASP.NET 3.5 tools (Master pages, themes and site navigation maps).
* Used Script Manager and UpdatePanel to provide interactive screens.
* Created users and custom controls.
* Developed WCF Services to fetch complex data from the data layer.
* Developed Web-based user interface using ASP.NET, JavaScript and HTML.
* Used Cascading Style Sheet (CSS) to attain uniformity of all web pages.
* Experience of handling queries using .Net 3.5 LINQ components.
* Developed XML Web Services in C# and SOAP for information exchange across applications.
* Extensively used ASP.NET server controls like Calendar control, Grid View, Form View.
* Working with ASP.NET Master Pages that were common throughout the application and content pages.
* Involved in Unit testing of the application.

**Environment:** ASP.NET 3.5, C# .NET, Microsoft .NET 3.5, ADO.NET, WCF, HTML, XML, JavaScript, Web Services, SOAP, SOA, IIS, Oracle, SSRS, VSS, NUnit, Visual Studio 2010.

**Client: Key Bank, Dallas, TX December 2010 to July 2012**

**Role: .Net Developer**

**Responsibilities:**

* Involved in gathering the requirements from end-user.
* Involved in the analysis, design and development of the project.
* Designed and developed a web application using .NET Framework and Visual Studio 2008.
* Involved in the design of security module that authenticate users based on the roles.
* Responsible for design and development of Web Forms using c# .NET.
* All the user interface layers, web pages are created and integrated to maintain the performance of data flow and data integrity using ASP.NET User Controls, Web Server Controls and ADO.NET.
* Implemented Server and Client side validations using ASP.NET validation controls and JavaScript.
* Provided session level security and password authentication using session objects and cookies.
* Involved in using XML with ADO.NET to retrieve and send data to different databases.
* Used SMTP mail class of .NET for the users to send mail with suggestions, receive any alerts, receive confirmation notifications etc.
* Developed system services SOA application platform used by all the web applications utilizing the Windows Communication Foundation (WCF) services.
* Designed and developed several SQL Server stored procedures for all the DML functionality for the web site.
* Involved in system and integration testing.

**Environment:** ASP.NET 3.0, C#, HTML, XML, ADO.NET, WCF, SOA, SQL Server 2005/2008, IIS, VSS, Visual Studio 2008, JavaScript, Web Services, SOAP,NUnit, Windows.

**Client: Bank of Kathmandu, Kathmandu, Nepal October 2008 to November 2010**

**Role: .Net Developer**

**Responsibilities:**

* Responsible for Analysis, Design and development.
* Analysis and design for the enhancement of the system.
* Handling production issues and modifying the code according to the requirement.
* Developed C# code for the project.
* Engaged in the development for web pages using ASP.NET, HTML, CSS and UI enhancement coding.
* Programmed ADO.NET for communication between application and SQL Server.
* Developed XML Web Services in C# and REST for information exchange across application.
* Involved in writing stored procedures in backend.
* Wrote test cases and performed regression testing.
* Giving the production support and maintenance.
* Bug fixing based on issues generated by the client.
* Involved in Unit and Functional testing.

**Environment:** Visual Studio 2005, C#, ASP.NET , HTML, XML, ADO.NET, Web Services, REST, SQL Server 2005, NUnit, IIS, HTML, CSS, VSS.