**Sunil Nepal**

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**Professional Summary:**

* .Net Developer with Over 7 years of experience in full project life cycle including project planning, Analysis, Design, Development Testing, Implementation and Support.
* Extensively developed web based applications using .Net Technologies such as C# .NET, ASP.NET, ADO.NET, LINQ, Entity Framework, JavaScript, JQuery, CSS3, HTML5, DHTML, XML and AJAX controls.
* Involved in all the phases of Software Development Life Cycle (SDLC) and SCRUM methodologies of development process.
* Experience in implementation of Multi-Tier Architecture in Windows applications, Web based applications, client/server, and internet/intranet and distributed applications in Microsoft Technologies.
* Developed ASP.NET MVC applications and hands on experience in Razor View Engine.
* Implemented MVC Framework to reduce the complexity.
* Experience in Oracle and SQL server, Proficiency in creating database objects like Queries, Stored Procedures, Views, Triggers, Joins and Functions using T-SQL.
* Extensive experience in using Unified Modeling Language (UML).
* Experience in Object Oriented Technologies in AGILE software development methodologies used for design and implementation.
* Hands on experience on Database Design and Database Programming using SQL server.
* Hands on experience in writing LINQ to SQL queries in Middle layer.
* Experience on different types of software testing such as Integration testing, Functional testing, and System testing.
* Ability to work closely with users, lead cross-functional teams and handle multiple concurrent assignments effectively.

**Education:**

Bachelor of Computer Science and Information Technology, Tribhuvan University, Nepal.

**Technical Skills:**

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| **.NET Technologies** | ASP.NET, WCF, LINQ, LINQ-TO-SQL, MVC, Entity Framework, Web Services (SOAP, REST), ADO.NET, Kendo UI, Backbone JS. |
| **Languages** | C, C++, C#. |
| **Web Technologies** | HTML5, DHTML, XML, XAML, XSL, XSLT, CSS3, JavaScript, AJAX, JQuery, XSD. |
| **Web Servers** | IIS. |
| **Database Technologies** | SQL Server, SSIS (SQL Server Integration Service). |
| **Disciplines** | Microsoft Visual Studio .NET, Microsoft Business Intelligence. |
| **Operating Systems** | Windows, Unix/Linux. |
| **Configuration Tools** | MS Visual SourceSafe, MS Team Foundation Server, Subversion. |
| **Reporting tools** | SSRS (SQL Server Reporting Services), Data Reports, Crystal Reports. |

**Professional Experience:**

**Client: The Tile Shop, Plymouth, MN April 2016 to Present**

**Role: .Net developer**

**Responsibilities:**

* Implemented MVC framework to reduce the complexity and to get full control over the behavior of the application.
* Followed Agile Methodology to produce high quality software and satisfy the customers.
* Created an application to validate address using Experian address validation services.
* Rewrote the old screens with new features as per the client requirements.
* Designing and developing logical and physical data models that meet application requirements.
* Using ASP.NET MVC 4.0/5.0 Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions on the mode.
* Modified and written web services using C# to interact with the other applications and exposed them using SOAP and HTTP protocol.
* Used LINQ to Entities, LINQ to SQL, LINQ to XML and LINQ to Objects for retrieving the data proficiently.
* Creating and maintaining database objects like complex Stored Procedures, Triggers, Cursors, Tables, Views and SQL Joins.
* Used Team Foundation Server (TFS) for version controlling and assisting in documentation and
* Performed Unit testing (using N-Unit), Integration Testing, Performance Testing and System Testing.

**Environment:** Visual Studio .NET 2013, C#, ASP.NET, LINQ, SOAP Web Services, Experian Web Services, T-SQL, Team Foundation Server(TFS), IIS, SQL Server 2013,N-Unit,Windows.

**Client: Wolters Kluwer, Minneapolis, MNOctober 2014 to March 2016**

**Role: .Net developer**

**Responsibilities:**

* Actively involved in daily and weekly SCRUM meetings to discuss the status of work done and work being done.
* Worked on developing Interface using MVC, JavaScript, KnockOut, JQuery, HTML, and CSS.
* Designed and implemented business model using C# 5.0.
* Persistence layer utilized WCF services, Nhibernate and SQL Server.
* Verified code using MSTest, Moq and Qunit.
* Utilized MapForce to perform mapping between XML schemas.
* Performed work using Visual Studio 2013,MapForce and XMLSpy.
* Tested the developed code by writing Unit Tests and Integration Tests to verify that the code was valid and worked as required.
* Maintenance of the Source code using Team Foundation Server (TFS) in a multi developer environment.
* Used Transformations like lookup, derived column, data conversion, merge join to implement the applications.
* Developed codes to support various business process and also business requirements.
* Tested the code developed by writing Unit Testing and Integration Testing to ensure it is accurately captured the existing business processes.

**Environment:** Visual Studio. NET 2013, MapForce, XMLSpy, Agile, WCF, HTML, CSS, JavaScript, KnockOut, C#, Nhibernate,Team Foundation Server(TFS), IIS, SQL Server 2013,N-Unit,Windows.

**Client: US Airways, Phoenix, AZAugust 2013 to September 2014**

**Role:.Net developer**

**Responsibilities:**

* Involved in Requirement Analysis, Low Level Design, Coding and Integration.
* Involved in developing front end using MVC .NET, JavaScript, HTML5, and CSS3.
* Responsible for implementing the Client Side Validations using JQuery and Java Script.
* Responsible for developing the reusable Components on UI(Views) by developing the Partial Views, View starts, and reusable components for implementing the business rules with C# and OOPS Concepts.
* Design, develop and implement WCF and Web application which consume SQL server as backend.
* Worked in MVC architecture to create web applications using ASP.NET and SQL Server.
* Creating Data Access Classes to interact with Database.
* Normalize the Access database tables so that data can be more easily migrated to more robust backend databases.
* Designed User Interface using Asp.net Standard Controls, Web forms and Ajax Controls.
* Responsible for publishing and consuming the WCF Services.
* Involved in changes to WCF Web Services, to handle request from POS server and responded back with the required information by getting the information from the Database.
* Maintaining the Source code using Team Foundation Server (TFS) in a multi developer environment.
* Writing stored procedures and SQL queries to fetch the data using SQL Server 2012.

**Environment:**Visual Studio .NET 2012,C#, .NET Framework 4.5, WCF, ASP.NET MVC, ADO.Net Entity Framework, SSRS, HTML5, CSS3,JavaScript,JQuery, MS Access, N-Unit, IIS,TFS, Windows.

**Client: First Data, Austin, TX February 2012 to July 2013**

**Role:.Net developer**

# **Responsibilities:**

* Being part of the scrum team developed code to meet deadlines with quality deliverables.
* Implemented MVC 4.0 framework to reduce the complexity and to get the control over the applications.
* Extensive use of AJAX and JQuery by creating dynamic and interactive user experience.
* Development of UI screens using HTML, JQuery, and XSLT using MVC 4.0 with Cascaded Style Sheet (CSS).
* Created Html Helpers to reduce the amount of tedious typing of HTML tags.
* Worked in creating layouts to maintain consistency look and feel for all views.
* Created partial views for code and design reusability in different views.
* Implemented SOA using WCF technology. Developed and consumed WCF services with features versioning, security, optimization and reliability.
* Used Razor Views to enable fast coding work which flows easily and quickly integrate server code into HTML markup with a minimum of keystrokes.
* Experienced on Test Driven Development (TDD) With MVC to easily create tests for the web side.
* Experience in ibatis.net which automate the mapping between SQL and objects in .net.
* Developed the independent WCF /WCF REST services and defined Service Contracts for specific functionality in search module.
* Used Entity Framework for working with Relational data and LINQ for updating the data.
* Used Team Foundation Server (TFS) for source control, and data collection.
* Experience on testing and debugging with all the codes.
* Prepared test cases for functionality testing and performed extensive unit testing using N-Unit.

**Environment**:ASP.NET 4.0, C# 4.0, MVC, JQuery, LINQ,Entity Framework, HTML, DHTML, CSS, SOA,Visual Studio 2010,WCF, SQL Server 2010, WSDL, SSRS, SSIS, TFS, N-Unit, IIS,Windows.

**Client: Bayer Healthcare, Pittsburg, PA**

**September 2010 to January 2012**

**Role: .Net developer**

Responsibilities:

* Fixing and optimizing ASP.net web pages using C# and SQL Server 2008 stored procedures, and associating fixes/new code with tasks in Team Foundation Server.
* Developed custom Ajax controls that are used across the application.
* Worked on developing the core modules and reports generation.
* Responsible for developing the front-end UI using Asp.net and JQuery.
* Involved in the development of automated Reports generation.
* Worked in MVC architecture to create web applications using AJAX Extensions.
* Tested AJAX JQuery calls to WCF services from a client side JavaScript page Used Windows API to manage the users from Active Directory.
* Creating new pages and fixing bugs on existing pages
* Optimizing, debugging and creating T-SQL stored procedures in SQL 2008.
* Worked on PL/SQL queries to retrieve data from Oracle9i.
* Designing, building and testing a reusable Excel XML Spreadsheet component in Visual Studio 2008 to fit with the existing paradigm of the system.
* Performing and participating in code reviews.
* Writing test plans and assisting with Requirements documents.
* Writing unit tests using N-Unit and Visual Studio 2008 and for SQL using SQL-Unit.
* Worked on Query Optimization to improve the performance of Queries.

**Environment**: ASP.NET, C#, ADO.NET, Visual Studio 2008, MVC 4.0, T- SQL, XML, SQL Server 2008, IIS,N-Unit, TFS, Windows.

**Client: Emerson, Ft. Lauderdale, FL**

**January 2009 to Augusts2010**   
**Role: .Net Developer**

**Responsibilities:**

* Participated in requirements gathering and compiled them into design document.
* Created use case and class diagrams in MS Visio using UML notations.
* Involved in Discussion Board for Client Interaction for the change requests and follow-ups.
* Developed middle layer using C#.Net and ASP.NET.
* Developed JQuery Handlers for making Service Calls.
* Designed Base page class which is inherited by all .aspx pages in the application. Implemented some of the common functionality in base page class, which is used by .aspx pages.
* Used forms based Authentication and role based Authorization for security.
* Used ASP.NET session variables like Session, Query Strings to handle the application requests from the clients.
* Data binding was extensively used to bind the data from database to the server controls like repeater controls, data list controls and data grid controls for displaying rows of data in a customized template format.
* Utilized ASP.NET validation controls and JavaScript, to perform client side validation.
* Worked on XML schemas and XSLT documents for displaying the information on Browser.
* Created Joins, Views, functions, stored procedures and triggers as part of the database programming.
* Used several test cases to check for bugs in the code and for bad data.

**Environment:** .Net Framework, Visual Studio 2008, ASP.NET, C#, HTML, CSS, JQuery, JavaScript, Web Services WCF, SQL Server 2008, XML, UML, MS Visio, TFS, IIS, N-Unit, Windows.