**Lekh Raj Aryal**

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**Summary:**

* Over 7 years of progressive technical and functional experience specializing in analysis, design and development of Internet, Intranet, Client Server and Object Oriented applications built on Microsoft related Technologies.
* Advantage of having worked in all phases of software development lifecycle (SDLC) and good Exposure in implementing Waterfall and Agile Methodologies.
* Experience in design using Object Oriented Programming Principles like Encapsulation, Inheritance, Polymorphism, reusability and Design patterns like SOA, MVC and N-tier architecture.
* Technical expertise in Technologies such as .NET Framework (ASP.Net, C#.Net, AJAX Toolkit, ADO.Net.), Entity Frame Work, HTML5, CSS3, AJAX Toolkit, JavaScript, and JQuery.
* Experienced in developing web based applications using SOAP/REST Web Services , WCF and AWS.
* Experience in using Entity Framework, Language Integrated Query (LINQ) (LINQ to SQL, LINQ to objects and LINQ to Entities).
* Experience in writing T-SQL and PL/SQL in MS SQL Server and Oracle database design and development in writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers and User Defined Functions.
* Proficient in writing complex T-SQL (DDL, DML), SQL programming, physical, logical database design and SQL Performance tuning.
* Experience in various Extracting, Transforming and Loading (ETL) tasks using SSIS including tools like DTS and SSIS Packages with proper control and data flow elements.
* Experience in developing Secure/Custom/Complex reports using SSRS.
* Expert in using Team Foundation Server (TFS), Visual Source Safe (VSS) and SVN for version controlling of the application.
* Ability to understand, Flexible and quickly adapt to changing environments professionally and personally. Highly motivated team player.

**Technical Skills:**

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| **Languages** | C, C++, C#, T-SQL, PL/SQL. |
| **.NET Frameworks** | ASP.NET, C#.Net, AJAX Toolkit, ADO.NET., Entity Framework |
| **Advance .NET** | MVC, WCF Services, Web Services, Web API, SOAP, REST |
| **Web Technologies** | HTML5, CSS3, Bootstrap, JavaScript, JQuery, JSON, AngularJS |
| **Databases** | Microsoft SQL Server 2008/2012, Oracle 8i/9i |
| **ORM** | Entity Frame Work. |
| **Reporting** | SSRS (SQL Server Reporting Services). |
| **ETL & Analysis** | SSIS, Data Stage. |
| **Testing** | N-Unit. |
| **Web Servers** | IIS 4.0, 5.0, 6.0, 7.0. |
| **XML Technologies** | XML, XSD, XSLT, XPath. |
| **IDE** | Microsoft Visual Studio 2008/2013/2015 |
| **Version Management** | Team Foundation Server (TFS), Visual Source Safe (VSS), SVN. |

**Professional Experience:**

**Client: Aetna-Hartford, CT Feb 2016 to Present  
Position: Net Developer**

**Responsibilities:**

* Involved in Requirement Gathering, Design and Deployment of the application using Scrum (Agile) as Development methodology.
* Developed & fixed issues in .Net batches. Changed Web UI code per business requirements.
* Developed as per the new requirements in batch application.
* Involved in requirement analysis, impact analysis & design code fixes to maintain App.
* Implemented .Net framework, N-tier architecture and Object Oriented Methodologies for application development.
* Enhanced front end using ASP.NET, CSS3, HTML5, JavaScript, jQuery, AngularJS, and Bootstrap, and business logic using C#.
* Implemented directives for DOM elements in AngularJS, such as password verification and authentication check for user inputs.
* Developed business objects and Data Transformation objects using Object Oriented Programming concepts and OOAD Principles.
* Implemented Web Services to send or retrieve data from different apps using SOAP protocol.
* Wrote several critical WCF based Web services providing response XMLS that were consumed by multiple systems.
* Implemented Queries using LINQ for effective access with database and easy handle of file operations and XML.
* Developing, implementing, and consuming Data Access Layers and Data Objects Using C#
* Created ASP.Net web forms and Class libraries containing code for business and data access logic using C# as the programming language.
* Used AJAX Controls to increase the performance of the web application.
* Implemented CRUD functionality with Entity framework in ASP.NET MVC and implemented sorting, filtering and paging with Entity framework in MVC.
* Written test cases and have performed unit testing for each of the task assigned and done thorough testing whenever there is a release using N-Unit.
* Wrote SQL scripts and extensively designed and developed Stored Procedures, Functions and Packages in SQL Server 2012 to execute various database routines.
* Worked with SSIS to convert Database views from one database to Tables in other DBs.
* Created SQL Queries for the SSRS Reports, Crystal Reports and Improved the performance of queries by applying indexing on them.
* Worked in production defects and monitoring and production support, incident management, problem management.

**Environment:** Visual Studio, C#, WCF, ASP.NET MVC, CSS3, HTML5, Agile Methodology, AngularJS, Entity framework, TFS, SQL Server 2012, T-SQL, N-Unit, Windows.

**Client:** **Caterpillar – Peoria, IL July 2014 to February 2016  
Role: .Net Developer**

**Responsibilities:**

* Used Agile Software Development methodologies to enable efficient and effective high-quality software development.
* Involved in development of Web Forms, classes using ASP.NET that incorporates both N-Tier Architecture, and Database Connectivity.
* Used the Object-Oriented programming concepts in C# and ASP.NET.
* Developed and Enhanced Web Forms, Master Pages, User Controls and Custom Controls by using HTML, CSS, and ASP.NET Controls.
* Implemented Server and Client side validations using ASP.NET validation controls and JavaScript.
* Used AJAX to trade data with a Web Server without reloading the page.
* Established communication between different applications running on same/different platforms using WCF.
* Used ADO.NET Entity Framework and LINQ to Entities Connect to the Database and perform all the database transactions.
* Wrote SQL queries with Joins on multiple tables, Stored Procedures, Functions, Triggers and Indexes using SQL Server 2012.
* Enhanced the applications performance by constantly monitoring the queries by running execution plans and query optimization techniques in SQL server.
* Developed Reports using SQL Reporting Services and implemented Optimized SQL Stored Procedures.
* Used Team Foundation Server (TFS) for source control, and data collection.
* Prepared test cases for functionality testing and performed extensive unit testing using N-Unit.

**Environment:** MS Visual Studio 2012, C#, MVC, .Net Framework, LINQ, Entity Framework, CSS3, HTML5, AJAX, WCF, SQL, SQL Server 2012, T-SQL, SSRS, TFS, N-Unit, IIS, Windows.

**Client:** **Bayer Healthcare – Pittsburg, PA May 2012 to June 2014  
Role: .Net Developer**

**Responsibilities:**

* Participated in meetings with Business users and with other project teams to ensure that the volatile business requirements reflect in the project development.
* Application development was based on UML methodology
* Implemented Form Based authentication and Role based authorization to authenticate users.
* Responsible for the development of UI Layer, business Logic layer and data access layer components.
* Developed UI using .Net Framework 3.0, ASP.NET, C#, HTML, CSS, JavaScript and JQuery.
* Implemented SOAP (Simple Object Access Protocol) for communication of application.
* Developed Views, controllers and business logic models using C#.
* Used LINQ to interact with the data in Entity Framework.
* Extensively worked on ADO.NET Entity Framework for developing core data layers for the distributed applications.
* Wrote SQL queries, Cursors, Stored Procedures, triggers to handle the business rules data integrity and for various data transactions and generating reports.
* Used SVN to maintain the version and source control.
* Involved in fixing the bugs and Test Cases for the application.
* Implemented Integration Testing and Unit Testing.

**Environment:** Visual Studio 2010, ASP.NET, MVC, C#, Web Services, SOAP, XML, UML, Entity Framework, LINQ, JavaScript, JQuery, HTML, CSS, T-SQL, SQL Server 2010, SSRS, SVN, N-Unit, IIS, Windows.

**Client: Allstate Insurance – Northbrook, IL Jan 2011 to May 2012  
Role: .Net Developer**

**Responsibilities:**

* Worked on Agile Methodology to achieve smooth collaboration between self-organizing, cross functional teams.
* Participated in daily scrums and weekly meetings with the project manager and architects to meet expectations and deadlines.
* Involved in developing front end using MVC, JavaScript, HTML, and CSS.
* Development of UI screens using HTML, JQuery and XSLT using MVC with CSS.
* Create dynamic and interactive user experience with extensive use of AJAX and JQuery.
* Decrease the page response time using Server-side Asynchronous JavaScript and XML (AJAX) technique.
* Developed REST/WCF Web services, APIs and other backend components.
* Developed and consumed WCF services for getting insurance premium quotes, Rate quotes, county codes etc.
* Created web methods in WCF Service and added caching in WCF Service using Memory Cache.
* Used LINQ to Entities, LINQ to SQL, LINQ to XML and LINQ to Objects for retrieving the data proficiently.
* Designed database in T-SQL and created stored procedures, functions, views.
* Responsible for modeling the objects and their relationship among them using UML.
* Participated in creation of SSIS builds, Materialized Views and other techniques of efficient data migration.
* Used Team Foundation Server (TFS) to manage the changes in the source code.
* Prepared test cases for functionality testing and performed extensive Unit testing using N-Unit.

**Environment:** Microsoft Visual Studio 2010, ASP.NET, MVC, C#, ADO.NET, LINQ, XML, XSLT, HTML, CSS, JavaScript, JQuery, AJAX, Web Services, REST, WCF, MS SQL Server 2005, T-SQL, SSIS, TFS, N-Unit, IIS, Windows.

**Client:** **US Bank – Houston, TX Nov 2009 to Dec 2010  
Role: .Net Developer**

**Responsibilities:**

* Responsible for the Design, Development, Testing and Implementation of the web application.
* Developer the application using ASP.Net Web Forms, Classes using C#.NET that incorporates both N-tier architecture and database connectivity.
* Responsible in created and consumed WCF (Windows Communication Foundation) using C#.
* Developed user client side logics using JavaScript and JQuery.
* Used AJAX and JQuery controls for faster and interactive web experience.
* Designed and developed UI, User Controls, and Client-Server Side Validation Controls using ASP.NET and JavaScript.
* Wrote Stored Procedures, Triggers and SQL Queries and LINQ in SQL Server 2008.
* Created classes in C#.Net for implementing business layer.
* Developed ASP.NET Web services for receiving orders in XML and uploading those in database using ASP.NET Web applications.
* Used ADO.NET objects such as Data Reader, Dataset and Data Adapter for Consistent access to SQL Server data sources.
* Involved in Unit and module level testing, reviewing the requirements and fixing the defects appropriately
* Used MS Visual Source Safe (VSS) for Version Control.

**Environment:** Visual Studio 2008, C#, XML, .NET Framework, ADO.NET, Web Forms, AJAX and JQuery CSS, JavaScript, XML, Web Services, WCF, N-tier, SSIS, SSRS, VSS, N-Unit, IIS, Windows.