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## SUMMARY

- SR .NET Developer with +15 full development life cycle experience, from architecture through testing and deployment by cross platform skills. Hands-on experience in information systems architecture, software design methodologies and patterns resulted in successfully completed projects and satisfied clients.
- Proficiency in development using Microsoft.NET technologies like C#, .NET Framework, ASP.NET, ASP.NET ADO.NET, ODBC, AJAX, LINQ, VB.NET, Web Services, SOAP, SQL - Server, MySQL and Visual Studio.
- Extensive experience in .NET applications based on Object Oriented Programming (OOPS), Internet Technologies, Web based, Client/Server, n-tier and Service Oriented Architecture (SOA).
- Experience Leading develop and testing teams AGILE SCRUM, Waterfall, Selenium and involved in all phases of SDLC (Software Development Life Cycle).
- Extensive experience in developing User Interfaces using Bootstrap, AJAX, XML, HTML5, DHTML, XML/XSL/XSLT/XPath/XML/JSON Schema, CSS, Java Script, jQuery.
- Extensive Experience of LINQ and ORM technologies like Entity Framework 6, Database First, Code First and performance tuning.
- Worked with jQuery and JSON for the retrieval of data.
- Good knowledge of AJAX Control Toolkit, AJAX Enabled web site and adding AJAX functionality in ASP.NET web site
- Experience in designing and branding Master Pages utilizing Server Controls, User Controls, Data Grid control, Form Validation controls, Custom controls and CSS.
- Experienced in XML Web Services (SOAP, REST, WSDL and UDDI), Service Oriented Architecture (SOA) concepts using .NET Framework.
- Experience in development in CLOUD services (AWS/AZURE/Virtual Box) using Docker as container
- Experience in Single Page Applications (SPA) framework for creating efficient and interactive web applications that work across all popular browsers using a variety of tools.
- Experience in ADO.NET components such as Data Connection, Data Command, Data Readers, Datasets and Data Adapter.
- Experience in Performing T-SQL tuning and optimization of queries for reports that took longer execution time using MS SQL Profiler, Index Tuning Wizard and SQL Query.
- Hands on experience with SQL Server Reporting Services (SSRS), SQL Server Integrating System (SSIS) using SQL.
- Experienced in developing Windows Services.
- Experience with version control tools such as SVN, Visual Source Safe (VSS) and Team Foundation Server (TFS), GITHUB.
- Excellent analytical and programming abilities in using technology to create flexible and maintainable solutions for complex development problems.

## TECHINICAL SKILLS

**Programming languages:** C#, ASPX, VB, PYTHON, GO

**Markup languages:** XML, XAML, XSL, XSLT, XMLDOM, HTML5

**Scripting languages:** JavaScript, jQuery, Ajax

**.NET Technologies and Frameworks:** ASP.NET, LINQ, Entity Framework and .NET Framework

**Servers:** Microsoft IIS, APACHE

**Databases:** MS SQL SERVER, MySQL, MongoDB

**Reporting Tool:** Crystal Reports, SQL Server Reporting Services (SSRS)

**Operating Systems:** Windows, Linux, MacOS

**Development Tools:** Visual Studio .NET, GOLAND, ANACONDA

**Version Control Tools:** GitHub, Team Foundation Server

**Develop Management Tools:** Basecamp, Jira

**Testing tools:** Selenium


## PROFESSIONAL EXPERIENCE


**AFS FORWARDING, Texas**                                               **From 10/2019 to Actual Date**

**Sr.NET Engineer**

**Responsibilities:**

- Involved in development of a three-level technical architecture which includes the User Interface, Business layer and Data Access Layer as per ITSD guidelines and successfully implemented the architecture.
- Experience Leading a team Using Scrum (Agile) Model for N-tier architecture which includes UI, BLL and DAL in .NET.
- Developed Data Access Layer (DAL), Business Logic layer (BLL) also in implementing Business Processes, Abstract factory as part of Service Oriented Architecture (SOA) using C#.
- Developed application using ASP.NET to enable the full control over the rendered HTML and jQuery for client-side scripting.
- Created SOAP/REST Services and also used different bindings to make it available to different types of clients.
- Customized the web pages using the XHTML, Java Script and CSS 3 Style sheets
- Used AJAX and jQuery to improve the performance of the application.
- Used lambda expressions LINQ To SQL and LINQ to entities for retrieving and inserting data in database.
- Implemented WEB API Services for CRUD operations with HTTP verbs GET, POST, PUT and DELETE.
- Created and implemented a multi-language framework to fit into the application. It provides application users with an ability to toggle between English and Spanish language.
- Used AngularJS as the development framework to build a client side single-page application.
- ADO.NET is used to connect, retrieve and update the data in the SQL Server database. Extensively used SQL to write stored procedures to retrieve and update the data in data stores.
- Used ADO.NET, OBDC, Entity Framework 4/5 extensively for retrieving, querying and manipulating data in the database
- Involved in User Acceptance Testing (UAT).
- Developed numerous business data flow logic in SQL Server Integration Services (SSIS).
- Analyzed the "Critical" and "Major" production issues which are routed through Bootcamp software. Some of them are resolved through data fixes and some of them resolved through code fixes.

**Environment:** .NET Framework, Visual Studio 2019/2013, ASP.NET, LINQ, Entity Framework, ADO.NET, SOAP, WSDL, REST, j-Query, Java Script, HTML5, DHTML, CSS, XML, XSLT, UML, IIS 6.0, Web API, Microsoft Excel, SQL Server2012 R2, SSIS

**GRUPO PROECI, LDO, TX**                                                                    **From 06/2012 to 10/2019**

**Sr. .NET Engineer**

**Responsibilities:**

- Involved in the gathering and preparation of requirements specification documents and regular interaction with the Business Analysts on project updates.
- Used Agile Methodology in the development of the project which is based on iterative development.
- Developed the application as a Three-Tier application with UI in the presentation layer, business logic in the middle layer using C#. NET and database activity in the backend.
- Implement AWS/Docker for microweb services to backup information
- Involved in developing web applications using ASP.NET AJAX toolkit.
- Developed secured web services using .Net, C#, XML/SOAP.
- Documented the entire Web Services project and some of the other Modules.
- Designed and developed dynamic ASPX web pages using C#, ASP.NET, HTML, JavaScript and jQuery.
- Analyzed and designed new WPF application using MVVM and Repository pattern, from design to completion.
- Built a layered Knockout JS binding system to support partial views.
- Involved in creation of .NET XML Web Services and used AJAX for consuming Web Services.
- Used JavaScript, DHTML for client-side validations and to generate user-friendly web interfaces
- Extensively involved in developing of Java Script functions to validate the data in client side and developed various server-side functions to validate the data in server side using ASP.NET. Access Data Objects is used to retrieve the data from SQL Server data tables through stored procedures.
- Applied Master Pages and CSS, Navigation Controls, HTML, for a consistent look and feel for page design.
- Designed the presentation layer using standard ASP.NET controls, HTML controls and provides the required functionality by using C#. NET.
- Involved in writing Stored Procedures and Functions using SQL language for retrieving data from SQL Server Database.
- Prepared Data Context using LINQ to SQL object relation mapping methodology.
- Worked on WCF services by creating Contracts, configured end point bindings and hosted on IIS.
- Developed various reports using Crystal Reports based on the business requirements and export to Excel and PDF files.
- Used VSS for Version and Source Code control.
- Involved in production support and used **Quality Center** for tracking defects.

**Environment:** .Net Framework, Visual Studio 2013, ASP.NET 3.0, C#, HTML, CSS, JavaScript, Web Services, XML, XSD, XSLT, SQL SERVER 2005, Crystal Reports, VSS, MS Visio.

**OPCBS Business Solutions, LDO, TX**                                    **FROM 02/2008 to 06/2012**

**.NET Engineer / Project Manager**

**Responsibilities:**

- Analyzed the client's requirement and was involved in designing and developing the User Interface Application using .NET
- Experience Leading a large team Using Scrum (Agile) Model for N-tier architecture which includes UI, BLL and DAL in .NET
- Used C# in developing the business logic and implemented the Object-Oriented Programming Functionalities.
- Used LINQ was used as a middle ware component encapsulating the business logic.
- Client-side validations were performed using Java Script and .NET validation controls.
- Used Ajax in order to provide pleasant client-side experience with jQuery, Java script and JSON.
- Implemented agile methodologies and Web Services in the application.
- Experience working with Team Foundation Server2008
- Constructed web pages encapsulating the business logic to provide separation of data and presentation layers.
- Created database tables using SQL Server 2005 and used Stored Procedures, Triggers and Cursors for all views of the Registration from and Search Engine Module.
- Maintained documentation of website and developed complex reports based on RDLC and Infragistics.
- Created and deployed class libraries and used view state for the dynamic controls to speed up the application.
- Installing and Configuring IIS 7.0
- Cascading style sheets (CSS) were used to attain uniformity through all pages.
- Used Visual Source Safe for Version Control.
- Involved in production support of the application.
- Participated in various Clients meeting with the team and the Project Manager to discuss improvements/amendments in the development of the application.

**Environment:** C#, ASP.NET, .NET 3.5, WCF, LINQ, Visual Studio.NET, JavaScript, AJAX, HTML, XHTML, XML, XSL, XSLT, MS-SQL Server, IIS, Windows Server 2003/2008, Crystal Reports, CSS, Windows, Team Foundation Server 2008.


**Education**

Computer Systems Engineer UVM (Certified)

**Professional Development**

- Agile Leadership, CDG 2021
- Ethical Hacking, American Training 2020
- Professional Git-GitHub, Platzi, 2018
- Introduction to Machine Learning with python, Plazti 2018
- Back End Python Development, Platzi 2018
- Intro to Python for Data Science, DataCamp OnLine 2017
- Intro to SQL for Data Science, DataCamp OnLine 2017
- Project management and planning, Delphi Mexico 2006
- Communication skills, Delphi Mexico 2005
- .NET C# VB.NET Development, ITNL 2006
- Microsoft FrontPage UVM 2005

**Languages**

Spanish native, English 85%