**Vamsi**

**Email: sunitha@data-pioneer.com**

**Phone: 218-217-3834**

**PROFESSIONAL SUMMARY:**

* Over 8 years of professional IT Experience in design & development, testing and implementation of Client/Server & Web-based N-tier architecture systems using Microsoft Technologies.
* Extensively worked on **ASP.NET 3.0/3.5/4.0**, **C#.NET**, **VB.NET**, **XML**, **AJAX 1.0**, **Web Services**, **Visual Studio. NET 2005/2008/10/12**, **ADO.NET**, ASP, Visual Basic 6.0 (**ODBC, DAO, ADO, OLE DB**), Web Scripting including Javascript, VB Script, HTML, CSS, XML, MS SQL Server 2000, Oracle 9i/10g,
* Experienced in developing web applications using .NET Framework **2.0/3.0, 3.5, 4.0 and 4.5, ASP.Net MVC5.0/4.0, ASP.Net, C#, VB, WinForms, ADO.Net, XML, XSLT,Javascript, HTML, Bootstrap, Angular JS, VB Script, AJAX and IIS.**
* Experience in implementing **SOA** architecture with web services and creating, consuming and publishing **XML Web Services** (**SOAP**, **WSDL**) and **Windows Services** using .NET.
* Expertise in Remoting, Namespaces, Delegates. Knowledge of **Windows SharePoint Services 3.0** for end user perspective, **WCF (Windows Communication Foundation)**, **WPF (Windows Presentation Foundations)** and **WWF (Windows Workflow)**.
* Strong knowledge in Database Programming using RDBMS databases like **SQL Server 2000/05/08**, **Oracle 9i/10g** and **MS Access2000**. Expertise in writing PL/SQL Queries, Stored Procedures, Triggers, Packages and Cursors.
* Proficient in using **XML** related technologies including **AJAX, XSLT, XPATH and XQUERY.**
* Very good expertise in design and development of web forms using **HTML, ASP.NET AJAX, JSON, CSS, and XML.**
* Extensive experience in developing and implementing **XML Web Services** using **WCF, WPF,MVVM, WSDL, UDDI, SOAP and LINQ.**
* Experience in **XML, XSLT, User Controls, Custom Controls, SOAP, WSDL, Web Services, Validation Controls,** Authentications like windows authentication and forms authentication.
* Created and consumed WCF Web Services (SOAP, WSDL), **Restful WEB AP**I services for communicating.
* Good exposure to **Elastic Search** Engine and NoSQL database like Cassandra.
* Demonstrated proficiency in development using Microsoft.NET technologies like **C#, Asp.Net, MVC, Web Services, Windows Azure (Cloud Computing), N-hibernate, Entity FrameWork**
* Extensive experience in developing reports using **Crystal Reports**, MS Access reports and **SQL Server Reporting Services (SSRS)**.
* Extensive experience in **SQL Server Database design**, **Database Maintenance**, developing T-SQL queries**,** stored procedures and **SQL Server**, **DTS, SSIS, SSRS**.
* Proficient in developing web and windows forms using 3rd party controls like **Infragistics**, **Telerik**RadControls and **DevExpress**.
* Experienced in developing web-based applications using AJAX, XML, XSD, XSL, XSLT, XPATH, CSS, .NET, VBSCRIPT, JAVASCRIPT, JQuery, HTML and ASP.
* Experiences in .Net Technologies include Object Oriented Languages (**C#), Database (SQL Server), ADO.NET, VB.NET, MVC, WCF, MVVM,** Server administrations **(IIS)** and other supporting technologies and tools.
* 8 years in**SDLC (Software Development Life Cycle)** and Microsoft technologies, ASP.NET
* Extensive experience in **.NET**using **C#, ASP.NET, VB.NET, ADO, WebForms**and **Web** Controls
* Worked on **ADO.NET Entity Framework** to associate with databases for **CRUD** operations and **LINQ** to Entities, Lambda Expressions, and OO Design Patterns.
* Extensive experience in developing and implementing**XML Web Services** using **WCF, WPF/MVVM, WSDL, UDDI, SOAP and LINQ.**
* Experience in writing **N-Unit test cases** to test the Libraries/Components written in **C**#, **load** and **performance** testing.
* Performed unit testing and also performed several **integration testings system testing and performance testing.**
* Work experience on Windows Azure, Azure Active Directory, SQL azure, creating resource groups, subscriptions, build definitions and release definitions.
* Experience working with Microsoft Azure Cloud based IAAS, PAAS and SAAS
* Experience using NoSQL technologies - Azure Table Storage, Blob Storage, Queue, Documentdb
* Created a virtual Network on Windows Azure to connect all servers and applications on platform.
* Azure SQL, Azure BLOB was used for Data Storage
* Experience in working with **Visual Source Safe** (**VSS**), **Visual Team System (VTS), and subversion configuration (SVN).**
* UsedAtlassian products (JIRA, Confluence, artifactory, andBitBucket) daily for workflow management.
* Experience in using versioning tools **Microsoft Team foundation Server (TFS).**

**EDUCATION:**

* Master’s degree in Computer Science Engineering
* Bachelor of Technology in Computer Science & Information Technology

**TECHNICAL SKILLS:**

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| **Application** | .NET Framework 1.1, 2.0, 3.5 and 4.0,ASP.NET, VB.NET, Silver light, ADO.Net, HTML5, JSON, JavaScript, Angular, React, JQuery, Web Forms, IIS, Web API, CMS, CSS, MVC, Nhibernate |
| **Databases** | SQL Server (2012,2008, 2005), PL/SQL, Oracle9i/10g, MS Access |
| **Languages** | C, C++, C#, VB.Net. |
| **Middleware** | Web Services, WCF, ESB |
| **Microsoft Technologies** | NET Framework XAML, MS Dynamics, LINQ, ADO.NET, Entity framework, XML. |
| **Cloud Technologies** | Azure |
| **Development IDE** | Visual Studio2010/2008/2005/2003, MS-SQL Management Studio, NetBeans |
| **Operating Systems** | Windows 98/NT/2000/XP,Unix |
| **XML Technologies** | AJAX, XML, XSLT, SOAP, WSDL, UDDI, Web Services. |
| **Source Code Control** | Visual Source Safe (VSS), Microsoft Team Foundation Server (TFS). |
| **Reporting Tools** | SQL Reporting Services (SSRS), SSIS, Crystal Reports |

**PROFESSIONAL SUMMARY:**

**Dell Technologies, Austin, TX 12/2019 – Present**

**Senior .NET Developer**

**Project:** Dell Optimizer, application that detects the user presence and locks the system as well as wakes the system based on human presence. It is based on a proximity sensor which detects the human presence and along with the power configs from multiple audio and video applications. Along with that working on an internal portal to track the movement of goods from one plant to another plant.

**Responsibilities**

* Worked in an AGILE Scrum Software Development environment to develop features for the application.
* Developed Windows application by using **C#, .NET, Web API, JSON** and Windows services.
* Develop dynamic ASPX web pages for application using **ASP.NET, C#, .NET, XML, JSON, XSL/XSLT/XPath, HTML, JavaScript**, and **AJAX** including jQuery library.
* Created functional test cases and **MoQ** unit test cases for **85% code coverage**.
* Created application UI using client-side technologies like **JavaScript, jQuery, React, CSS3, HTML5** and **AJAX**.
* Developed and consumed RESTful Web Services using Microsoft **Web API.**
* Enhanced and built reusable components across different modules using Custom directives.
* Created the reusable and optimized **Web Services** using C#.NET. These services included self-defined structures for data input and were exposed using **WSDL** with **SOAP** format as well as consumption interfaces for them.
* Contributed to u**nit testing, integration testing**, and **regression testing** regularly to improve the application’s performance.
* Serve as an **integral member of the technical team** to ensure business requirements were comprehensively translated into solid technical designs.
* Involved in all the phases such as **Analysis, Design, Coding, Testing (Unit & Regression)** and deployment for the Desktop as well as the Web Versions.
* Contributed in maintenance, development and support of business-critical projects related to automation of tools.
* Used **ADO.Net** extensively in developing Business Logic and Data access components.
* Used **LINQ to SQL** to interact with**MS SQL Server 2012**database for web-based applications.
* Worked on **SQL database** related tools and developed a tool for migration of existing database schema to a new database schema.
* Worked to develop a tool which will automatically sanitize the existing database based on business rules
* Building and generating Custom and linked reports using **SSRS**.

**Environment:** C#, Web API, ASP.NET, MOQ, React JS, Web API, Bitbucket, JIRA, CICD, Agile, JavaScript, MVC, Bootstrap JS, Microsoft SQL, SSRS, SSAS, ADO.Net,LINQ, XML, WCF, Scrum, Visual Studio 2019 and AZURE

**APPLIED MATERIALS, Austin,TX 10/2016 – 12/2019**

**Senior .NET Developer**

**Project:** Designed and developed an application for the installation of highly technical semiconductor systems. The application provides detailed installation steps for heavy semiconductor machinery. Applications help in reducing the cycle time in manufacturing plants as well as in customer location and helps in accounting the work done by the technicians on a specific task by recording signoff on every task as well as tracking of the day-to-day status of installation and testing of machinery. This involves core product development, analytics, and integration of existing enterprise products.

**Responsibilities**

* Design and develop various modules of web application for intranet usage using A**SP.NET, MVC, Web API, JavaScript, jQuery, AJAX, HTML, SQL Server**, and **Team Foundation Server.**
* Develop dynamic ASPX web pages for application using ASP.NET, C#, .NET, XML, JSON, XSL/XSLT/XPath, HTML, JavaScript, and AJAX including jQuery library.
* Design and develop desktop application for offline usage of application by using **C#, WPF/MVVM** and **SQL Server**.
* Create **stored procedures, functions, triggers, indexes,** and **views** using T-SQL in the development and production environment for SQL server.
* Synchronize data between desktop applications on individual client machines to web application servers and vice versa using Microsoft Sync framework.
* Worked on designing and developing many excel based applications/functionalities in both Asp.Net and WPF applications using **Telerik**Controls.
* Create **CRUD operations through Postman** tool for processing JSON data required for the applications and processing HTTP requests.
* Created and consumed Message queues for smooth/low latency of user request processing.
* Created the reusable and optimized **Web Services** using C#.NET. These services included self-defined structures for data input and were exposed using **WSDL** with **SOAP** format as well as consumption interfaces for them.
* Work experience on **Windows Azure, Azure Active Directory, SQL azure**, creating resource groups, subscriptions, **build definitions** and **release definitions.**
* Hosted web applications on Azure Web Sites and migrated databases from **SQL Server** to **Azure SQL Server**
* Use modules developed with the latest version in **TFS** to maintain the version of the project in the team foundation server.
* Serve as an integral member of the technical team to ensure business requirements were comprehensively translated into solid technical designs.
* Design and develop **SQL SSIS packages** to extract data from various data sources including Access database, Excel spreadsheet, and flat files into SQL server for further data analysis and reporting by using multiple transformations provided by SSIS.
* **Environment:** C#, SQL Server, SSIS, Click Once, MVC,Web Forms, Web API, jQuery, Bootstrap JS, TFS, Message Queues,Microsoft Sync Framework, Entity Framework, WPF, SSRS, LINQ,MVVM, and WCF

**NASCO, Bingham Farms, MI**  **10/2014 – 10/2016**

**Senior ASP .Net Developer**

**Project:** The National Association of Security Companies (NASCO) is the nation's largest contract security association, representing private security companies that employ more than 400,000 of the nation's most highly trained security officers servicing every business sector. NASCO is leading efforts to set meaningful standards for the private security industry and security officers by monitoring state and federal legislation and regulations affecting the quality and effectiveness of private security services.

**Responsibilities**

* Designed and Developed different modules, Classes using C# and Designed GUI **Part with help of .Net framework 4.0.**
* Designed, modeled multi-threaded, enterprise n-tier software agent using **WCF** web service hosted in a Windows service.
* Implemented **MVC architecture** to accomplish the task of isolating **Business Layer, Presentation Layer and Data Layer.** Designed Presentation layer using **ASP.NET, MVC, AngularJS, Bootstrap, WPF and CSS**.
* Used ASP.NetMVC development approach for Web Application development, developed responsive user interface in Telerik Kendo controls and used JQuery, Bootstrap, ElasticSearch and Ace template for designing applications.
* Developed dynamic **ASPX** web pages for Application using **ASP.NET, C#.NET, XML, JSON, XSL/XSLT/XPath, HTML**, JavaScript and AJAX including jQuery library.
* Used**Windows Communication Foundation (WCF)** for multiple services to interact with the application for the clients..
* Enabled crawling of auto forum posts and saving to**Elastic Search** by designing a flexible module.
* Created Stored Procedures, Functions, Packages, Triggers, Indexes and Views using **T-SQL** in Development and Production environment for **SQL Server 2008/2005.**
* Develop **SQL Reporting Services** web apps, using .NET 3.5 principles.
* Involved in error handling of**SSIS** packages by evaluating error logs.
* Creating Customs Tool to transform data **XML** data provided by various systems in user defined format-using**XSL.**
* Generated dynamic Report with use of Crystal report 8/9.
* Used Microsoft **Visual SourceSafe (VSS)** and **Team Foundation Server (TFS)** for integration, maintenance and Security of code
* Coding for various Modules, **Error Handling, Modification, Debugging and Testing.**

**Environment:**.Net Framework 4.0,MVC 4.0, WinForms, Angular JS, C#, ASP.NET, ADO.NET, Silverlight,RESTful WEB API, WCF, WPF, Web API, Entity Framework,ElasticSearch, JavaScript, jQuery, Bootstrap, XML, JSON, XSD, T-SQL, SQL Server 2008, SDLC, LINQ Visual SourceSafe 6.0, Test Directory, SSIS, SSRS, MS Excel, TFS, IIS (7.0)

**FORTE TECH SOLUTIONS PRIVATE LTD 06/2013 – 07/2014** **Software Developer**

* Collaborated on the development of a complete dental portal with various functions related to dental hospital and dental education.
* Contributed to the design and development of College Student Company (CSC) application, dealing with relations between students, colleges, and companies in internship-related functions.
* Designed and implemented user interface layer using ASP.NET, MVC architecture.
* Developed presentation layer using ASP.NET, MVC, AngularJS, and CSS.
* Created web forms and implemented jQuery, AJAX library for interactive user interface and improved performance.
* Designed store procedures, functions, packages, triggers, indexes, and views using T-SQL in development and production environments for SQL Server.
* Used ADO.NET to extract data from the database and send it back through. Retrieved data using LINQ to SQL classes and stored procedure, tables, and views.
* Coded for various modules, error handling, modification and testing.

**Environment:** C#, ASP.NET, MVC, XML, Entity Framework, SQL Server 2005, JavaScript, Angular JS, AJAX, T-SQL, jQuery, LINQ to SQL, and TFS