**Jyothsna**

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**Sr. Full Stack .NET Developer**

**PROFESSIONAL SUMMARY:**

* Over all 7+ years of experience in analysis, design, development, testing and maintenance of **object**-**oriented**, **client**-**server** and **multi**-tier Windows and **web applications** using .**NET framework**.
* Expertise in all phases of Software Development Life Cycle, **Agile** and **Waterfall** methodologies including requirements definition, design, programming / testing and implementation of major systems.
* Experience in developing applications using **ASP**.**NET**, **MVC** Framework, **C#.NET**, VB.**NET**, **WCF**, **ADO**.**NET**, Web Services, Remoting, **XML**, **JavaScript**, **HTML**, **jQuery**, **JSON**,**AJAX**, **Azure, LINQ**, **LINQ**-**To**-**SQL**, **Multi-Threading**, **JQUERY** and **AngularJS**. Experience in developing rich, uniformed User Interface(UI) using CSS, SASS/LESS, JavaScript UI libraries, TypeScript, JSON, JQUERY, Kendo UI Angular JS, React JS, Bootstrap Master pages, Razor views, Layout pages, Themes, Webforms, Win forms, Silverlight, AJAX Controls, and Web parts.
* Maintained Reliability Database, the backend SQL Server database for Reliability Web Application, by validating, correcting, and updating data with SQL scripts and T-SQL programs.
* Sound knowledge of **SOA** principles and design patterns.
* Good knowledge in writing and understanding **WCFRESTWeb Services**.
* Experience working with ADO.Net Entity Framework for **Object Relational Mapping (ORM)** in .NET Framework and LINQ to Object, LINQ to SQL, LINQ to XML.
* Involved in the design and development of 3-Tier, **N-tier** distributed architectures and **MVC**, **MVVM** architectures.
* Experience with Authentication and Authorization .NET security mechanisms.
* Working experience in Web services, Windows Communication Foundation (**WCF**), Windows Presentation Foundation (**WPF**) and Windows Workflow Foundation (**WWF**).
* Experience in creating use case diagrams, class diagrams, activity diagrams, sequence diagrams, page flow diagrams using **UML** technologies.
* Extensively used **TELERIK** and **BOOTSTRAP** in designing UI.
* Experience in writing complex **SQL Queries**, **Stored Procedures**, **Triggers** and **Views** using **SQLSERVER**, **Oracle** and User Defined Functions using **T**-**SQL** and **PL/SQL**.
* Hands on experience in creating components using **React JS.**
* Proficient in using XML related technologies including **AJAX**, **XSLT**, **XPATH** and **XQUERY**.
* Developed custom directives (elements, Attributes and classes) using **Angular.JS** and for single page applications using **AngularJS**.
* Extensive working knowledge on Configuring and version controlling with **Team Foundation Server** (**TFS**).
* Experience in Automation Testing of each Build and then Regression testing on each build using Selenium Web Driver.
* Experienced in monitoring, back up and scaling **Mongo** databases using OPS Manager.
* Configured and maintained source code repositories in ClearCase, GIT, SVN.
* Strong experience in MSSQLServer with SQLServerReportingServices (SSRS), SQLServerIntegrationServices (SSIS) and SQLServerAnalysisServices (SSAS)
* Experience in developing Custom Reports and distributed reports in multiple formats using **SQL** Server Reporting Services (SSRS) also expertise in working with Crystal Reports.
* Extensive experience in developing web applications using HTML4/5, XML, XHTML, DHTML, CSS, CSS3(Sass, Less), Bootstrap, JavaScript, TypeScript, DOM, jQuery, Ajax, JSON, and JSP.
* Proficient with Test Automation using testing tools like Quick Test Professional and Selenium.
* Involved in Unit testing and bug fixing of the system.
* Involved in unit testing with N-Unit, Just-Mock, preparing System Test Cases, Documentation, Debugging and bug fixing
* Experience in using**ORM (Object-relational mapping) tools like NHibernate 3.1 and Microsoft Entity Framework 4.**
* Involved in the development of security model in .NET framework for the administration module using verification process and Role-based security.
* Strong knowledge in using **ADO**.**NET**objects such as **SQL**/**OLEDB** Connection and Command, Data Reader, Dataset, Data Adapter and State Management, View state.
* Worked on Version control systems like **Subversion, GIT** and **ClearCase**.
* Good experience with automation tools like Selenium with browser compatibility testing across Firefox, IE & Safari and operating systems like Windows, Linux and Mac etc.
* Responsible for creating knockout components and custom bindings using knockoutJS.
* Broad understanding and implementation of Object Oriented Analysis and Designing (OOAD), for system design and development and Design Patterns like MVC Patterns.
* Experience in working with JavaScript frameworks such as AngularJS, NodeJS and jQuery.
* Strong Object-Oriented Programming concepts like Encapsulation, Inheritance, Polymorphism, Generics and Relational Database Management System (RDBMS) Concepts.
* Experience in writing **Test Plans** and **TestCases** in **Microsoft'sTestManager**, based on system requirements.
* Familiarity with Microsoft Test Manager as a Test Management Tool in **defectlogging**, assignment and tracking through **MicrosoftTestManager**.
* Development was done using agile methodology with daily **scrums**, paired programming using **TDD** and continuous integration using the **SDLC** process.

**Technical Skills:**

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| **.NET Technologies & Languages** | Visual, C#.NET, ASP.NET, ADO.NET,MVC, VB .NET, Web Services, .NET Framework 1.1/2.0/3.0/3.5/4.0, LINQ, WPF, WCF, MVC (3.0,4.0). |
| **Web & Scripting Technologies** | AJAX, Web Services, Angular JS, Angular 2, React JS, Bootstrap,HTML/ DHTML, HTML 5, JSON, XHTML, XML, XSLT, XAML, JavaScript, TypeScript, VB Script, CSS. |
| **Database** | SQL Server 2005/2008/2008 R2, 2012, MySQL,T-SQL, Oracle, Mongo DB. |
| **Tools** | Visual Studio, Ajax Control Tool Kit, SQL Server Reporting Services, Data Studio, SQL Server Management studio, Advanced CSS, SVN, GIT. |
| **Software / IDE** | Visual Studio.NET 2005/2008/2013. |
| **Methodologies** | SDLC, Agile Waterfall, Object Model |
| **Operating Systems** | Windows 9x/NT/XP, Windows 7, MS-DOS, UNIX |

**EDUCATION:**

* Master's in Computer Science, India

**WORK EXPERIENCE:**

**CLIENT: Multiplan, Chicago, IL July 2016 – Present**

**ROLE: Full Stack Net Developer**

Responsibilities:

* Involved in the SDLC phase of requirement analysis, design, and development of the web-based intranet application tool using **ASP.NET MVC** and **VB.NET**.
* Used **VB.NET** for MVC Framework for front end development
* Involved in User Interface which was implemented in ASP.NET using Web controls, Resource Files, Master pages, AJAX Components, JavaScript, HTML, and CSS.
* Used object modeling, database design, user interface design, advanced troubleshooting, debugging techniques and full development lifecycle methodologies
* Worked on creating new modules for application and responsible for working on full stack development of it including designing Angular 2 controllers.
* Involved in designing and developing the GUI for the user interface with various controls.
* Responsible to create new web services using **ASP.NET** with **C#**.
* Extensively involved in **PL/SQL** coding and performance tuning with TOAD's explain plan. Used Oracle analytic functions in improving the performance.
* Experience with defect tracking and analysis using different defect tracking tools such as **TFS (Team Foundation Server),Quality Center.**
* Involved in validating Sanity, functional, Integration and Regression test suites using Selenium and the request and response of the Web Services (SOA) through SOAP UI.
* Refactored and enhanced an existing application to follow strict **MVVM**/**MVC** patterns for improved source code maintenance, code reduction, ease of upgrade, scalability, ease of developer spins up, enhanced performance using **AngularJS**.
* Used **PowerShell** for producing basic automation scripts.
* Used NHibernate as the **ORM** tool for data access.
* Redesigned classic **ASP**.**NET** web pages to **ASP**.**NET** **MVC** using **Angular 2** and **React JS** for a Utility company client.
* Experienced in monitoring, back up and scaling **Mongo** databases using OPS Manager.
* Using Easy object **ORM** for business and data layer development and integration.
* Developed Web services, using **WSDL** and **SOAP** from **TIBCO**. Experience with **MVVM** model for **WPF with Silverlight 5.0 at the front end**.
* Provided support on break/fix incidents
* Worked in ASP.NET security mechanism such as Impersonation, Authentication and Authorization.
* Worked on Selenium GUI Object / element verification is done through XPath, CSS Locators
* Importing Database objects like stored pros, tables etc. in the**EDM** Designer.
* Provide Support to other teams to fetch the data from the centralized database using **ASP.NET XML Web Services**.
* Data modeling for data from RDBMS to Cassandra and MongoDB for optimal reads and writes.
* Used **Git** with Stash for code repositories.
* Used **Angular2**, **React JS** with **TypeScript** as the development framework to build a single-page application.
* Extensively involved in component development using front end web development tools like CSS, JavaScript, TypeScript, jQuery and React JS.
* Used **Kendo UI** for developing the mobile applications.
* Worked with Twitter Bootstrap CSS framework and media queries to create responsive web pages.
* Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Designed and developed the application on ASP.NET MVC 4.0 Framework.
* Designs and develops high reliability components using Visual Studio, MVC, ASP.NET, and C #, Web Services, SQL Server and T-SQL. Designs, prepares, tests and debugging web program coding for business applications.
* Developed& deployed **Web Services (SOAP, UDDI & WSDL)** and **Windows Services in C#** and **VB.NET.**
* With ErrorHanding from developmentserver to productionserver, migratingDTSPackages from **SQL Server 2000** to **SQL Server 2005** and **SQL Server 2005** to **SQL Server 2008**, and using **SSIS.**
* Integrating **GIT**and **ClearCase** with **Jenkins.**
* Involved in developing detailed test plan, test cases and test scripts using Selenium for Functional and Regression Testing
* Performed debugging and exception handling in support to the software development
* Solid experience in developing **SinglePageApplications** (SPA) based on client-side JavaScript framework **Angular 2**, and backbone employing **ASP.NET MVC** and **Web API**.
* Used**SVN forversion control.**
* Implemented and consumed Web Services using **WPF** to support distributed computing and to enable applications to communicate with each other.
* Consumed Web services using **WCF** and **WPF** for online transactions using **C#** and exposed them through **HTTP.**
* Used **LINQ** along with **ADO**.**NET** for data retrieving, querying, storage and manipulation of different data sources like **XML**, **SQL**.
* Implemented a flexible, role-based security model to protect reports and reporting resources using **SSRS.**
* Used **SASS** for creating **CSS** frameworks store things like colors, font stacks, or any CSS value and even dynamically converted some of these **SASS** files into **CSS** files.
* Developed the presentation layer by using Telerik RAD Ajax controls and web server controls.
* Created test scenarios for functional and regression selenium testing
* Led the design and development of **SOAP/REST** based web services in Java, middle-ware modules, proof-of-concept (POC's), libraries.
* Defining Release Process & Policy for projects early in SDLC and Perform Deployment of Release to various QA&UAT environments and Branching and merging code lines in the GIT and resolved all the conflicts raised during the merges
* Involved in providing the break-fix, for the reports that fail to run on production environment.
* Perform administration on MySQL databases to include tasks consisting of creating, managing, syncing, and break/fix on key customer databases.
* Modifications were made to the existing GUI using WPF for better look and feel.
* Migrated SQLServer2008 database to Windows Azure SQL Database and updating the Connection Strings based on this.
* Experience in designing, coding and testing of variety of software applications using ASP.Net, C#.NET, AJAX and WCF
* Adept in end-to-end agile development of software products from requirement analysis to system study, test designing, debugging, automation and quality assurance and maintenance
* Developed and executed SQL queries in the database to conduct Data integrity selenium testing by checking the data tables on the server.
* Responsible for developing processes, automation of maintenance jobs, SQL Server, locks and indexes configurations.
* Extensively involved in the SSASstorage and partitions, Aggregations, calculation of queries with SQL in SSAS
* Participated in **UNIT** testing of the application and wrote the test cases to test each of the application modules with the help of **NUnit**.

Energetic self-motivated and quick learner with good analytical, communication, debugging and organizational skills

Highly adaptive to a team environment and proven ability to work in a fast-paced teaming environment with excellent communication skills.

**Environment**: ASP.NET 4.0, MVC 4.0, C#, ADO.NET, VB.NET, Angular 2, React JS, Bootstrap, JSON, EDM, Visual Studio 2013, Web API, Restful, Telerik, Kendo UI, TFS, Mongo DB, Pervasive SQL Database, ORM, Amazon Web Service, SVN, Git, PowerShell, Microsoft SQL, Web Services, IIS 7.0, Azure, Java Script, TypeScript, jQuery, AJAX, HTML5, CSS, SASS/LESS*,* NUnit, selenium.

**CLIENT: AAA Insurance, Orlando, FL April 2014 – May 2016**

**ROLE: Full Stack .Net Developer**

**Responsibilities:**

* Worked on a part of the GUIs to improve interface without affecting the performance of the application.
* Gathered Client requirements and converting them into the Technical Specifications and developed Web forms using C#.NET
* Developed **ASP.NET** **MVC4** application in Test Driven Development environment using Microsoft Test as the Testing framework.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for the **ASP**.**NETMVC4** application.
* Worked closely with Business Teams and Technical Design Architects to understand the flow and client enhancements to the existing applications along with the QA Team.
* Used **C#.NET**as a language to develop code behind business logic.
* Created new model classes in **WebAPI** to hold data.
* Designed and developed various Web forms using HTML, CSS, Bootstrap and JavaScript, ReactJS.
* Developed basic web-based application using **VB.NET** and **C#.NET** for various desktop applications used in the company.
* Performed CRUD operations like Update, Insert and Delete data in **MongoDB.**
* Design and development of **REST** based **WCF** services for content management and cleanup.
* Designed and developed responsive UI using Angular JS, React JS, HTML5, CSS3, Bootstrap and Telerik Kendo in mobile first approach.
* Experience in Troubleshooting and Debugging of the application within the stipulated time.
* Used **Grunt** task runner to automate the compiling **CSS/SASS** files, optimize images, make a bundle and minify JavaScript files.
* Configured the application using the Web Config file for setting Security Compilation, Error, Session State and other issues.
* Configure **Azure cloud service for end deployment.**
* Used **TFS 2010(Team Foundation Server)** for **bug tracking, Work Item Tracking**and **published** test results in TFS to share with the team members.
* Made use of Microsoft **PowerShell** for interface for administering/managing mailboxes in the cloud.
* Followed the **N**-**Tier** Pattern, separating the business, presentation and data models.
* Developed and tested user-friendly navigators by utilizing **JavaScript** and **VB .NET**
* Developed core functionality with the **ASP.NET MVC** Framework (**C#.NET, ADO.NET).**
* Involved in**UNIT** testing and Bug Fixing for specific modules as well as integrated modules.
* Worked with Language Integrated Query (**LINQ**) to query the data against the **database** (**LINQ** to **SQL**), **dataset** (**LINQ** to **dataset**), **XML** (**LINQ** to **XML**).
* Primarily just helped other teams figure out how to secure their services in Data Power, API Management troubleshoot and debugging their proxies.
* Implemented and maintained the branching and build/release strategies utilizing **SVN** and **GIT.**
* Created regression suite using Selenium Webdriver to test main functionality of the fundraising platform.
* Scheduled maintenance Jobs and Alerts using **SQL Server Agent** and creating jobs on all the **MS SQL servers** using Multi Server Administration.
* Prototype and evaluate alternative designs considering security, reliability, continuity and functional completeness.
* Design workarounds during break-fix cycles
* Created documentation for all the components which is included in **React-Bootstrap** page.
* Assisted in the conduction of bet support and high-level release testing using **VB.NET**.
* Used **ADO.NET** objects like Data Reader, Data Adapter and Dataset, Data Grid for data access.
* Strong experience designing and working with **n**-**tier** architectures (UI, Business Logic Layer, Data Access Layer) along with some experience with service-oriented architectures (**SOA**).
* Created **WCF** Service to retrieve and send information from client side without post back.
* Took initiative to transition existing test cases to Selenium Webdriver
* Used Data binding to bind Server controls with the parameters from the tables in the database
* Consumed **WebAPI** to overcome numerous issues and expand capabilities to existing legacy code.
* Responsible for maintaining versions, Reverse and forward integration of code branches to Main branch of source code using **Team Foundation Server 2010**.
* Successfully tested and implemented Log Shipping in **MS SQL Server 2008/2005/2000** and used as backup solution in case disaster recovery.
* Involved in delivering the activities and rebase activities for using GIT
* Analyzed and resolved conflicts related to merging of source code for GIT.
* Migrate SVN repositories to GIT and Maintain GITLAB to manage GIT repositories.
* Used Media Queries and Bootstrap Grid System to make responsive web pages.
* Worked on Agile Methodology to meet timelines with quality deliverables.
* Implemented changes in coding and designs using knowledge of **VB .NET**.
* Involved in testing and debugging and performed thorough Unit testing.
* Used **MVC** design pattern to develop business logic and **UI** part.
* Schedule and maintain **SSIS** packages daily, weekly and monthly using **SQL server Agent**
* Worked with web config files, debug C# .Net files and worked with IIS server for creating the virtual directories and to setup of the website and run.
* Excellent working experience on **n-Tier** and layered architecture, Service Oriented Apps, Load Balancing, Session.
* Management, **Webform** applications and Single Page Applications (**SPA**).
* Fixed various bugs and defect, which are managed on “**HPQualityCenterApplication**” with collaboration of **QA**/**Test team**.
* Experienced in managing large multi-cultural, global teams in fast paced result oriented project delivery environments.
* Bi-weekly code reviews, deployments and maintenance.

**Environment**: ASP.NET 4.0, MVC 3.0, C#, ADO.NET,VB .NET**,** Visual Studio 2010, SQL Server 2008 R2, MVVM, TFS 2010, Azure,Java Script,Angular JS, React JS, bootstrap, Mongo DB, jQuery, XML, AJAX, Restful, PowerShell, Telerik, Kendo, Git,DHTML, HTML5, CSS3, SASS/LESS, Nunit, Selenium.

**CLIENT: MetLife Insurance, Naperville, IL March 2013 - Feb 2014**

**ROLE: .Net Developer**

**Responsibilities:**

* Played an active role in all stages-requirements gathering, analysis, design, development, testing, debugging, implementing and deployment of the application.
* Enabled Client-side Data Validation in **.NET** using the validation controls like Regular Expression validator, Required Field validator.
* Involved in application enhancement in terms of Speed, improved security, Error logging, Exception handling, Code Reuse with Object oriented design.
* Used Master Pages and Cascading Style Sheets (**CSS**) to render a uniform look and feel for the application and used the Object-Oriented Programming (**OOP**) techniques and created classes (in **C#.NET**) for database access
* Performed requirements analysis, design, development, testing, maintenance and deployment of the web portal.
* Used front end web development tools like **CSS**, **JavaScript**, **DHTML**, and **jQuery**.
* Developed **C#** components to implement the business logic, consumed instances of these using **ASP.NET.**
* Used **ADO.NET** extensively for database manipulations and connections.
* Configured security features for the application using form-based authentication and role-based authorization using **C#** and **ASP**.**NET**.
* Provided different build reports and Selenium automation reports to Senior Management.
* Creating applications using **VB.NET** and enhancing projects for .NET application
* Used **SQL** Loader for batch loading the information into database
* Created User Controls for better reusability of codes in the application.
* Used Grid View and Form View with extensive data binding to display page and sort multiple records.
* Extensively used **ASP**.**NET**, **C#.NET** Validation Controls and JavaScript for client-side validations in the Web Pages.
* Used **LINQ** to query against strongly typed collections of object and various data source, **XML** documents, Web services, **ADO**.**NET** Objects and Entity Framework 4.0.
* Used Session State, View State, Cookies and Query Strings to persist and transfer data between pages.
* Developed a module for **XML** input/output processing, third party input processing (Web Services, C#).
* Used Silverlight for the rich internet applications.
* Created and optimized views for user interactions using objects of **HTML** Helper class, Custom Helpers and **JavaScript**/**jQuery**
* Used Master pages, User controls, Custom controls to suit user’s needs.
* Automated highly transactional e-commerce web application using Selenium WebDriver
* Used Team Foundation Server (**TFS**) for Version Control and generated reports using the **SQL** Server Reporting services (**SSRS**).
* Worked with end users for requirements gathering. Trained staff on application usage.

**Environment:** ASP.NET 4.0, C#, ADO.NET, Visual Studio 2010, SQL Server 2008, Microsoft Visio, SSRS, Web Services, WCF, XAML, TFS 2010, Java Script, jQuery, XML, AJAX, LINQ, HTML, CSS.

**CLIENT: I-Gate , Hyderabad, India May 2011- Dec 2012**

**ROLE: .Net Developer**

**Responsibilities:**

* Involved in all the phases of the project life cycle and analysis of the system based on n-tier architecture.
* Developed code to call the web service to fetch web data and populate on the UI using jQuery and AJAX.
* Used jQuery to traverse through a DOM tree and manipulated the nodes in the tree.
* Involved in developing Web Service classes using SOAP to communicate with legacy and deployed web services as per business requirement.
* Developed UI page and development using ASP.NET, HTML, Telerik Ajax RadControls, AJAX, User Controls and Web Forms with C# using N-tier architecture.
* Implemented SOA architecture with web services and functionalities like creating, consuming and publishing XML Web Services (SOAP, WSDL) using WCF.
* Worked closely with clients in gathering and analyzing requirements and providing solutions that meet the client's requirements.
* Wrote SQL queries, Store Procedures, Joins, Triggers to process large collection of products and used Data Reader, Data Adapter, SQL command and Dataset for retrieving for management.
* Involved in Performance Tuning of Code using execution plan and SQL profiler and added Indexes to improve performance on tables
* Extracted large volumes of data from various data sources and loaded the data into target data sources by performing different kinds of transformations using SQL Server Integration services (SSIS).
* Created SSIS packages for Uploading of different formats of files (Excel, Access) and databases (SQL server, Flat files) into the SQL Server data warehouse using SQL Server Integration Services (SSIS).
* Using SQL server reporting services (SSRS) delivering enterprise, Web-enabled reporting to create reports that draw content from a variety of data sources.
* Created test plans and performed unit and regression testing on the application
* Worked on Microsoft Team Foundation Server for version control, Database server project and individual task status.

**Environment:** Visual Studio 2008/2010, ASP.NET 3.5, C# 3.5, .NET Framework 3.5/40, ADO.NET, SSRS, SSIS, SQL Server 2005, Ajax, TFS, JavaScript, Agile, WCF, SOA, Web Services, HTML, CSS, Telrik, JavaScript.