**Bindu Reddy** [**bindu.seniordeveloper@gmail.com**](mailto:bindu.seniordeveloper@gmail.com)

**Senior .NET Developer Contact No: 515-992-6404**

**Professional Summary:**

* Possess around 8+ years of strong professional .NET Development experience in design and development of various applications like Client/Server, N-tier architecture, Windows and Web based applications using Microsoft .NET Technologies including **.NET Frameworks 3.5/4.0/4.5/4.5.1/4.5.2/4.6/4.6.1, VB.NET, C#.NET, ASP.NET, MVC 4/5/6, ADO.NET, WCF, WEB API, AJAX, XML, JSON.**
* Experience in gathering customer requirements, functional requirements and converting them to technical requirements, applying OOAD concepts, Design Patterns, Software Methodologies (Agile, Waterfall).
* Hands-on design experience with user interface web technologies like **HTML, HTML5, CSS,** **ASP.NET, ASP.NET MVC, JQuery, AJAX, JavaScript** and **Bootstrap** etc.
* Extensive experience with working on all layers like presentation layer, business layer and data access layer using **ORM** technologies like **LINQ**, **Entity Framework** and **ADO.NET**.
* Involved in the design and development of 3 Tier, N-tier distributed architectures and **MVC** architectures.
* Working Knowledge with **JavaScript** and **JQuery/ JQuery plugins** for implementing client side code.
* Extensive experience working with databases like **SQL Server 2005/2008/2008 R2/2010, 2012, SQL profiler, Oracle 9i/10g and MS Access 2007/2010/2013.**
* Published, Created and Consumed Web services using **C#.NET** to interact with the other applications and exposed them using **SOAP** and **HTTP**.
* Experience with multiple web servers including IIS and Apache.
* Worked with **Entity Framework**, **LINQ** and Lambda expressions to query and retrieve selective based information from the collection objects.
* Created Entity classes, relationships between entity classes using **LINQ** (Language Integrated Query) to **SQL** and **LINQ** to Dataset to manage relational data as objects.
* Experience in reporting and integration business intelligence tools like **SQL Server Reporting Services (SSRS) & SQL Server Integration Services (SSIS)** as well as **Crystal Reports**.
* Experience with several design patterns like Singleton, Factory Method, Prototype, etc. and architectures like **Service Oriented Architecture (SOA)** and **MVC.**
* Experience in development and consuming the web services using **WCF** service **(REST & Non-Rest)** and **Web API** where communication of data is done in **XML** and **JSON** formats.
* Significant **N-Tier** application development using architectures like **ASP.NET MVC** Framework using features like URL routing, View Models, HTML Helper classes, Data Annotations etc.
* Experience using **AJAX** to create interactive web applications, mainly focusing at increasing performance and making asynchronous calls.
* Extensive experience in Database design, Modeling and Database maintenance in **MS SQL Server** environment.
* Experience in implementing .NET security features such as **Authentication** (Windows-based Authentication, Forms-based Authentication) and **Authorization** (Authorizing Users and Roles).
* Performed unit testing using tool **NUnit** and also performed several other application testing like Integration testing, System testing and Performance testing.
* Working knowledge with various version control software tools like Microsoft Visual Source Safe **(VSS),** Team Foundation Server **(TFS)** and **SVN** for version controls.
* Thorough understanding of **Unified Modeling Language (UML)** standards and documentation along with experience in preparing Use Case Diagrams, Class Diagrams, Sequence Diagrams and Activity Diagrams using design tools such as Microsoft Visio.
* Experience in using **XML** technologies like **XML, XSLT, XPATH and XML Schema.**

**Technical Skills:**

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| **Languages** | C, C++, C#, VB.NET, AJAX, XML, XSD, SQL, ADO.NET, LINQ, UML. |
| **.Net Framework** | .Net Framework 3.0, 3.5, 4.0, 4.5, 4.5.2, 4.6. |
| **Scripting Languages** | JavaScript, JQuery, Knockout Js, Angular Js. |
| **Databases** | SQL 2012/2008/2005, PL/SQL, Oracle 11g/10g/9i. |
| **Web Technologies** | HTML, HTML5, ASP.NET, ASP.NET MVC, CSS, BOOTSTRAP, AJAX, JavaScript, Angular JS, JSON, XML, XSL, JQuery, Silverlight. |
| **Web Servers** | Internet Information Server (IIS) 5.0/6.0/7.0/7.5. |
| **Reporting Tool** | Crystal Reports, SSRS (SQL Server Reporting Services), SSIS. |
| **Distributed Technologies** | Web Services, WCF, WWF. |
| **IDE and Tools** | Microsoft Visual Studio 2015/2013/2012/2010/2008, MS Office, Microsoft Visio, SQL Profiler, SQL Server Agent, SQL Server Management studio. |
| **Version Control Tools** | VSS, SVN, TFS, GitHub. |
| **MS Software Packages** | MS Office, MS FrontPage, Microsoft Visio 2007, SharePoint 2010, MS Excel. |
| **Operating Systems** | Windows XP/7/8/10. |
| **Content Management System** | Sitecore .NET 8.1. |

**Professional Experience:**

**Project: New York Power Authority, White Plains, NY Jun’16- Present  
Senior .Net Developer**

**Projects:** [**www.nypa.gov**](http://www.nypa.gov) **, www.canals.ny.gov.**

**Responsibilities:**

* Involved and worked on Migration of site **www.canals.ny.gov** from Canals to NYPA.
* Worked on multiple projects at New York Power Authority which gave me an opportunity to work with **MVC** based Web application as well as Sitecore CMS.
* Developed the application using **ASP.NET MVC** framework to create controllers, views and models.
* Created, consumed, maintained and updated **WCF** Services (receives/sends data in **JSON**, **XML** formats)
* Used **JQuery** to implement various client-side functions like Animations, Validations, data sorting, filtering, cross browser scripting etc.
* Built Error Handling using **MVC** features such as Global Error Handling and Custom Error Messages.
* Identified customer's business flow and gap analysis, provided recommendations in key strategic areas.
* Involved in Bug reporting, Bug fixing and developed Test Cases.
* Implemented Load runner scripts to capture **Performance Testing** (PT) details of screens in Pre-Prod environment.
* Developed using Web services, WEB API for exposing web services, SOAP and used IIS (Internet Information Services).
* Developed enhancements, system documentation and alter procedures for quality improvement and development.
* Written unit test cases using **NUnit**.
* Prepared design documents, design patterns, component design specification / feature design specification and time estimation.
* Development/Modified various database objects like stored **procedures, functions, triggers, views** etc.
* Construct data conversion, enhancement, data acquisition and data processing.
* Involved in monthly Hardening release and tested out release changes in Pre-Prod environment.
* Co-ordination with QA Testing, Defect Tracking and closure, communicated with Client/business user for requirement.
* Participated in Sprint Grooming & Project Implementation (PI) planning sessions.
* Followed Agile Methodology with 2 weeks Sprint and used Version One for tracking Backlogs items.
* Building Sitecore components that involves working with .**NET** platform with **C**# as the programming language.
* Optimized Sitecore environments by analyzing the existing set up and using best practices to create reusable Sitecore templates and layouts.
* Implemented Sitecore CM/CD for staging and Production servers for the site www.nypa.gov.
* Extensively worked on deploying Sitecore items using TDS.
* Created Sitecore templates, items, layouts and components.
* Created custom Sitecore workflow to authorize the content as per the business team.
* Created custom Email Actions for workflow to trigger emails to users for the content approval.
* Created new pipelines for implementing custom 404-page implementation.
* Provided extensive Production Support, and fixed problems in a short span of time.
* Create Workflows to ensure that items move through a predefined set of states before they become publishable to the live Web site.
* Installed the Replica(R-1) software in both the servers to transfer the files from Source and Destination servers and scheduled the job to run every 1 min to transfer the files.
* Wrote batch job and scheduled the task to run every 5 minutes to transfer documents from one DMZ server to another.
* Worked on Conversion of eight .**cgi** pages to **.aspx** page for the site [**www.canals.ny.gov**](http://www.canals.ny.gov)
* Used Sitecore analytics to track user's activity.
* Made several enhancements to the existing Sitecore solutions based on the needs of the user.
* Extensively used Sitecore media library to store all images, Assets and corporate website documents.
* Involved in setting-up the Staging environment. Production environment, and worked as primary support for production.
* Supported the Oracle Business Intelligence (Primavera P6 WEB, Primavera P6 CLIENT) tool which was moved to cloud. Some of the tasks include:
* Creating/deleting the user from load spring, assigning projects, resources, creating CRM Projects etc.
* Creating reports in the BI Publisher for P6 and BI Publisher for PCM to the projects and making it available for the users.

**Environment: C#.NET, JQuery, MVC, ASP.Net, ASP.NET MVC 4.0,** **Visual Studio 2012, SQL Server 2012, Microsoft VISIO, XML, HTML. IIS 8.0, TFS, CSS3, Sitecore .NET 8.1, SVG, Web Forms for Marketers 8.1, .NET Framework 4.0, Primavera P6 Web, Primavera P6 Client, BI Publisher for P6, BI Publisher for PCM.**

**Project: AT&T, Middletown, NJ Jan’15- May’16  
.Net Developer**

**Description:** SIDTEL is an in-house application used by AT&T. The aim of the project was to facilitate the internal employees of AT&T, to produce price plan documents from the requestor's input in Excel or PDF files. Using the price plans in SIDTEL, requestor can create new price plans depending upon the existing ones in the SIDTEL.

**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.
* Involved in the documentation, design of the Use Case Diagrams and class diagrams using Microsoft Visio.
* Reworked on a part of the GUIs to improve interface without affecting the performance of the application.
* Used **C#** as language to develop code behind business logic and implementation of Web Services.
* Designed and build Composite UI Application Block (CAB) in Presentation Layer using **C#.NET**.
* Implemented multiple DTS and **SSIS** packages and jobs to integrate with external third parties and internal Oracle databases.
* Developed an **ASP.NET Web Service** (later refactored to a **RESTful** web service using **WCF**), for Ogilvy.com using **Visual Studio 2013 (C#, .NET 4.5, ASP.NET, LINQ), SQL Server 2012**, **Sitecore CMS** and **Castle Windsor.**
* Used **JavaScript** (**DHTML**), **JSON** and Web Services to proxy data in web application with client-side behavior.
* Designed and developed data web services, data validation framework, and business qualification logic for use of various applications using **AJAX/WCF/JSON**, **Windows Workflow Foundation (WWF), Visual Studio 2013 (C#, .NET 3.5, ASP.NET), SQL Server Integration Services (SSIS), and SQL Server 2012.**
* Maintained various, internal (non-customer facing) sites, adding unit-testing and better separation of concerns.
* Followed the **MVC**, separating the business, presentation and data models.
* Implemented Single Sign-On (SSO) Solutions to provide common gateway for login.
* Designed the **ASP.NET** GUI for accessing product details, comparisons, client details and monitoring sales and promotional activities and implemented client-side validation using validation controls.
* Introduced the company to interactive **JavaScript** frameworks like **JQuery**.
* Promoted the use of **JQuery** to many internal units based on evaluation of framework.
* Implemented in several **JSON** serialization libraries and is being considered by **ECMAScript**.
* Wrote Stored Procedures, Triggers and SQL Queries and **LINQ** in **SQL Server 2012**.
* Developed and consumed **WCF Web Service** to access data layer components.
* Used **MVC** design pattern in checking Log In credentials and displaying the necessary components and data to the user.
* Used **XML** for data storage and **XSLT** to transform the SQL queries returned as XML nodes.
* Added functionality into GUI where Admin can select different database records and export them to Microsoft Excel.
* Used **ADO.NET** to utilize SQL data source implementing Data Set, Data Reader, and Data Adaptor to connect and manipulate databases.
* Extensively used **SSIS** to create packages to move data from a single data source to a destination.
* Created Weekly and Monthly reports in **SQL Server Reporting Service (SSRS)**.
* Involved in Implementation of Exception handling on User Interface layer.
* Project estimation document prepared in MS Project.
* Mapping the business requirement to the technical specification and detailed design documents.
* Provide extensive Production Support, and fix problems in a short span of time.
* Created test cases and did basic manual testing.

**Environment: C#.NET, JQuery, JSON, MVC,** **.NET Framework 4.5, ASP.Net, VB.Net, Visual Studio 2013, SQL Server 2012, Oracle 11g, TFS, LINQ, Microsoft VISIO, SSRS, Web Services, WPF, IIS 7, WCF, XAML, TDS, XML, HTML, CVS.**

**Project: Starbucks-Seattle, Washington May’13- Dec’14**

**.Net Developer**

**Description:** This project is to transform Starbucks web environment into retail sector. The transformation is for the implementation and support of systems across globe on both web/mobile applications. This will be achieved through use of common, integrated and harmonized business process.

**Responsibilities:**

* Significant role in Analysis and Design stages of the project life cycle.
* Designed, developed and tested forms using **Visual Studio.NET 2010.**
* Design and develop the GUI, Business Logic Layer and Data Access Layer.
* Developed the Web forms using **ASP.NET, C#.NET, XML, Java script.**
* Developed a suite of applications--including Windows service's and a WinForms test harness—allowing member purchasing via biometric reads.
* Utilized **SSIS** (SQL Server Integration Services) to produce a Data Mart for reporting.
* Involved in Extraction, Transformation, and Loading (ETL) solutions using SQL Server Integration Services (SSIS).
* Developed a load test utility to provide feasibility of developed services.
* Created Tasks, Sites, InfoPath forms that can be used to easily create **XML** forms to meet each business-specific need using SharePoint Portal Services.
* Designed and Developed Master and Content Pages (Web Forms) using ASP.Net Server Controls and **C#.NET** as code-behind.
* Developed web services for premium calculation and coverage.
* Deployed the 3-Tier Architecture Application with UI, Business Layer and Data Access layers using **C#.NET**.
* Developed web services and used them form data access layer and business layer.
* Written complex SQL queries with Joins on multiple tables, Stored Procedures, Triggers, Backup and Restore Database, define roles, create database users and used Data Transformation Services (DTS).
* Created multiple views using Data Views on the Client without reloading the data from server side.
* Decided all the Security Concern (IIS Security, Web application security and Database Security) needs to be taken during application development.
* Developed the web user controls and dynamic creations of web controls.
* Used **SQL Server** and **Oracle** as backend and implemented **ADO.NET** data objects such as Data Adapter, Data Reader, Dataset, Data table.
* Created reports to create, deploy, and manage reports using Crystal Report.
* Used **Object Oriented Programming** in developing controls using interfaces.
* Used **C#**, data grids and **XML** to pull the data from the database and display it on the UI.
* Designed Logical and Physical Data Model.
* Developed application Data Flow Diagrams (DFDs) using **MS Visio**.
* Involved in documentation, unit testing, fixing bugs and maintenance of the product.
* Used Visual Source Safe for source code version controlling.

**Environment: C#, ASP.NET, SQL Server, NET Framework 4.0, TFS, Oracle, IIS, SSRS, ADO.NET, JSON, Web Services, Visual Studio 2010, XML, HTML, JavaScript, MS Visio, VSS.**

**Project: State of PA, Harrisburg, PA July’12 to Apr’13**

**.Net Developer**

**Description:** Application is on web based Inventory management system which interacts with different internal - SAP and external third-party systems provides its Retail POS systems, customer care centers to do various inventory checks such as blacklist, check availability, returns, buy backs also includes the online payment portal from both prepaid and postpaid customers.

**Responsibilities:**

* Gathering the Client Requirements by participating in minute-to-minute meetings and Analysis.
* Designing the High Level and Low-Level Design of the System.
* Designed and Developed Web forms using **ASP.NET, XML** and **XSL**.
* Used ASP.NET Server Controls and **HTML** controls to design the web pages.
* Involved in writing the programming code for web pages using **ASP.NET** and **VB.NET** object Model.
* Used **ADO.Net** Object Model to Interact with Oracle and SQL-Server Database using **VB.NET** language.
* Used Dataset object and Data Reader object to get the data from Database.
* Involved in migrating screens and code from **ASP to ASP.NET**.
* Developed Tables, Indexes, Stored procedures, Database Triggers and Functions.
* Designed DTS Packages using DTS Designer and Wizards for performing Data Transformation Services.
* Data Layer using **SQL Server 2008** and **Oracle 8i**.
* Created the reports using **Crystal Reports** viewer like Standard, Cross-Tab, Drill Down and Sub reports.
* Involved in documenting the application.

**Environment: ASP.NET, VB.NET, ADO.NET, NET Framework 4.0, DTS Package, TFS, Visual Studio .NET, JavaScript, XML, XSL, ODBC, IIS, SQL Server 2008, Crystal Reports.**

**Project: Kapson Industries Limited, India June’09 to June’12**

**Software Programmer**

**Fixed Assets Management System**

**Description:** This software mainly deals with the management of Fixed Assets and performance of the assets. This application mainly keeps track of the complete life history of a fixed Asset. This application is aimed at generating various reports for a given duration namely, Asset life history. List of Assets acquired are Report on partial deletions or additions of Assets, Report on deletion or written off Assets, Report on assets that will reach their minimum residual value, Customizable Balance sheet in the format defined by the User - Profit and Loss reports on Sale/ Written off Assets.

**Responsibilities:**

* Involved in the development of the Web Forms and according to the specifications.
* Extensively worked on designing Custom Controls, Master Pages, **JavaScript and Web Services.**
* Created Web Forms using **MS Visual Studio .NET, C#. NET, ASP.NET, HTML**.
* Extensively worked on **Visual Studio** **2008** for debugging and fixing the bugs which is provided by the application Coordinator.
* Developed Stored Procedures, Triggers in **SQL Server 2005** also worked as SQL Admin for backup/restore and maintenance of Database.
* Involved in Debugging and testing the developed application as well as doing performance analysis for improving the speed of application.
* Developed Customized Report Show in **Crystal Report** as per requirement.

**Environment: C#, .NET 2005, NET Framework 3.5, Web Services, Microsoft SQL Server 2005, AJAX, JavaScript, CSS, User Control.**

**Project: Safal Infotech:-Online Examination, Ahmedabad, Gujarat Apr’08 to May’09**

**.Net Developer**

**Description:** This Site is useful for Universities so they can conduct internal test exams with option field directly from sites & Student gets direct results after finishing exam.

**Responsibilities:**

* Involved in the development of the Web Forms and according to the specifications.
* Extensive working experience on Master Pages.
* Created Web Forms using **ASP.NET, CSS** and **HTML**.
* Extensively worked on **Visual Studio** **2005** for debugging and fixing the bugs which is provided by the application Coordinator.
* Developed **SQL Server** queries and worked on maintenance of Database.
* Involved in Debugging and testing the developed application as well as doing performance analysis for improving the speed of application.

**Environment: C#.NET 2005, Web Services, Microsoft SQL Server, CSS, .NET Framework 2.0.**

**EDUCATION:**

Bachelor of Engineering in Computer Science.