**Madhavi**

**SUMMARY:**

Having **8+ years** of experience in design, development and maintenance of **Web and Windows** applications for **Government, Health Care, Insurance, E-Commerce and Pharmaceutical** Sector**.**

**Web/Windows Development**

* Strong development experience using technologies like **.NET 4.0/3.5/2.0, ASP.NET, ADO.NET, WCF Services, C#, VB.NET, ASP, VBScript, JavaScript, JQuery, HTML5, VB, SQL Server 2012/2008/2005, HTML and XML.**
* Proficient experience in web and window application development using **Object Oriented Programming and N- Architecture**.
* Experience of working with latest technology of **LINQ** to Collection and SQL queries, Anonymous Types, WCF Web Services.
* Knowledge on **EAGLE** **Mangment** **System's** custom panels including **Eagle web panels**, message streams
* Hands on SSh.NET libraries to establish connection between database and EAGLE.
* Knowledge of **Design Patterns, UML diagrams** and MVC methodology.
* Valued experience in using **AJAX controls** to enhance user experience.
* Significant Experience in each phases of Software Development Life Cycle **(SDLC).**

**WCF Development**

* Extensively used **WCF components** to implement Service Oriented Architecture.
* Experience in distributed enterprise application development using **WCF Services and SOAP**.
* Configure **IIS and hosting WCF service** and **Web sites**.
* Configure **Application Pool**, set domain user and pass through **integration security**.

**Database Development**

* Strong experience with relational databases in **SQL Server 2012/2008/2005/2000**.
* Developed **Database Design by creating Tables, Stored Procedures, Triggers, Views, Indexes** and **Relationship.**
* Experience with Design and Development of Business Reports using **SQL Server Reporting Services (SSRS).**
* Created **SSIS Packages** to pull data from **AS400** and converted **DTS** packages to **SSIS** for various tasks.
* Comparing Database schema in **DEV, QA and PROD** and deploy changes to environment.
* Used SQL agent to schedule Job and monitoring batch processing.

**User Interface / Client side Development**

* Supporting UI with HTML5 and **J Query**.
* Worked with JQ Grid, JavaScript and Angular JS.

**Version Control**

* Proficiently used **Team Foundation Server**, **Perforce** for version control.

Motivated self-starter and quick-learner with excellent team building, leadership, project management and interpersonal skills . Proven to work under pressure with multidisciplinary teams in a multi-cultural environment for time sensitive projects.

**SKILL SET:**

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| --- | --- |
| **Programming Languages and .NET Technologies** | C#, ASP.NET, ADO.NET, VB.NET, .NET Frameworks 3.5/4.0/4.6, MVC, Web forms, SSIS, Silverlight, Web &WCF Services |
| **Web Technologies Scripting** | HTML, CSS, XML, AJAX, Java Scripts, Angular JS, JQUERY |
| **Database** | SQL Server 2008/2012/2014, Oracle, MS-Access |
| **Packages** | MS Office 2008-2013, IIS 7.5/8/8.5 |
| **Development Methodologies** | Agile, Scrum, SDLC, |
| **Reporting Tools** | Crystal reports, SQL Server Reporting Service(SSRS) |
| **Operating Systems** | Windows 2000/2003/2010/XP/Vista, Unix. |
| **IDE** | Visual Studio 2008/2010/2012/2013/2015, VPN, Dreamweaver. |

**EDUCATION:**

**Bachelors of Technology** in **Information Technology** from JNTU, India

**EXPERIENCE:**

**Capital Group, Irvine, CA Apr 2016 – Till Date**

**Sr .NET Developer**

Capital Group is an American Financial Services Company. We Develop and Test practice management and investment services to help financial advisor and intermediaries develop highly effective solutions and portfolios.

* Involved in the complete **Software Development Life Cycle** including Analysis, Design, Implementation, Testing and Maintenance.
* Involved in collecting and analyzing the business requirements from the business analysts.
* Developed the **Single page application Framework** in **ASP.Net 4.5** primarily using **C#.Net** with the business logic implemented using **.Net Assemblies.**
* Developed solutions for diverse programming scenarios in **C#**, employing **Object Oriented Programming (OOP)** concepts such as: **encapsulation, inheritance, polymorphism, and abstraction**
* Developed core functionality with the **ASP.NET MVP** Framework (**C#.NET**, **ADO**.**NET**).
* Created, Consumed & Debugging Security implemented by using WCF SOAP service, used **EDMX, LINQ and Lambda** expressions for data.
* Experienced in developing the screens **ASP.NETMVP** Framework web server controls, web forms, **JavaScript**, **HTML5**, **XML** and Cascading Style Sheets (**CSS**)
* Web development like building the UI pages, User controls using Telerik controls for **ASP.NET** and **AJAX**, creating and **consuming WCF services, JQuery, LINQ**, etc.,
* Developed Web pages with ASP.NET using **JavaScript**, Client Side Validation, Server Controls, **HTML** Controls, **AngularJS** and **CSS**.
* Created **Web services,** which are used to communicate to the other departments.
* Created custom, general use modules and components which extend the elements and modules of core **AngularJS**.
* Implemented and deployed **XML** Web Services (**SOAP**) using **C#.NET**and validated client side components using **JavaScript** and **Ajax**, **C#,XML**, **CSS** Web services.
* Used **Windows Communication Foundation** (**WCF)** methodology to implement the web services
* Implemented **AngularJS** Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory
* Web development like building the UI pages, User controls using **Telerik** controls for **ASP.NET** and **AJAX**, creating and **consuming WCF services, JQuery, Entity Framework 5, LINQ**, etc.
* Developing **SSIS packages** for integration with downstream / upstream application and generating reports which could be sent to other systems.
* Involved in Design and Developing components of this application using **ASP.NET, C# .NET, JavaScript**.
* Used **AngularJS** Script libraries & **KENDO** **UI** controls for multi browser support & end user experience
* Leveraged **JQuery** for page scripting, **AJAX** calls and **JSON** and **XML** for passing objects from Controller to View and vice versa
* Implemented Data access layer using **ADO.NET** to connect and retrieve or manipulate database information
* Created Client side validations with **JQuery** selectors, Events and server side validations with **Asp.Net**
* Experienced in working on **JQuery** on client side validations, triggering events, popup window and alert messages.
* Implemented **Partial views (user controls), Master Pages, Strongly Typed Views and Complex Views**
* Worked on developing **RDLC/ Crystal reports** design and related packages in oracle and screens in **UI**.
* Involved in application enhancements and bug fixing and developed concepts using **MVP Framework** ,**ASP**.**NET,C#.NET**, **ADO.Net**
* Developed very responsive, elegant views for web pages using the **BootstrapCSS Frameworks**.
* Involved in writing technical specifications design document, deployment documents and operations guide for operation support.
* Used **ADO.NET** Entity Framework Database Model First for data retrieving, querying, storage and manipulation.
* Utilized **LINQ** to Entities extensively for data retrieving, Querying, storing and manipulation.
* Worked on **QC - HP** tool to track the status of the defects and the requirements.
* Implemented User Interface with Master pages, themes**, CSS, Webservercontrols** and User Controls.
* Created and maintained database objects like complex Stored Procedures, Triggers, Cursors, Tables, Views and **SQL Joins**.
* Built stored procedures utilizing complex transactions, joins, cursors, and various high level **T-SQL**.
* Created and tuning the database objects like complex **StoredProcedures**, **Functions**, **Packages**, **Triggers**, **Indexes** and **Views** using **T**-**SQL** in Development and Production environment for **SQLServer2008**.
* Used **SubVersion** (**SVN**) for source control and documented the entire application.
* Created test plans and performed unit and regression testing on the application.

**Environment**: VisualStudio2013/2010, C#4.0, ASP.NET 4.5, WCF, Java Script, Entity Frame Work 4.0, TFS 2010,XAML,WCF,IIS 7.0, AJAX, ADO.NET, LINQ, XML, Microsoft Enterprise Library

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**Amgen, Thousand Oaks, CA Mar 2014 – Apr 2016**

**Sr .Net Developer**

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. This approach begins by using tools like advanced human genetics to unravel the complexities of disease and understand the fundamentals of human biology.

**Responsibilities:**

* Participated in **System Analysis** and **Application Designing Sessions** with project managers, business analysts and team members to analyze business requirements and outline the proposed IT solution.
* Participated in full **Software Development Life Cycle** (**SDLC**) and implementing the application using **MVVM** pattern with **WPF** forms as the front end communicating to Middle Tier Service based on **SOA** architecture.
* Developed **WPF** application using **Control Templates, Data Templates, Bindings, Converters, Routed Events, Command bindings, Commands** and new features like **LINQ** and **lambda** expressions.
* Effectively **created Crystal** Reports based on Client Specifications.
* Created UML and ER Diagrams in assistance with Business Analyst and followed **scrum** methodology of agile development.
* Breaking changes in the **.NET Framework 4.0** version have been reviewed in detail. Breaking changes were made for a number of reasons, including standards compliance, customer feedback, and correctness.
* **XML** and **SOAP** were used to exchange structured and typed information with help of web service over the internet.
* Used Agile methods and frameworks/tools like **Spring** and **Hibernate.**
* Migrating the application from **WebSphere** to **Jboss.**
* Gathering and implementing functional requirements using **Microsoft project** and **Visio.**
* Developed Data access Layer Using **Entity Framework**.
* **Configure** and **Deploy** code to production.
* Used **Angular JS** as the development framework to build a single-page
* Used **Angular JS for** Data binding, Controllers, Dependency Injection, Templates, Expressions, Directives, Filters and Modules.
* In this Project we used **TDD**, in which each new feature begins with writing a test. To write a test, the developer must clearly understand the specification and requirements. The developer can accomplish this through use cases to cover the requirements and exception conditions, and can write the test in whatever testing framework is appropriate for the software environment.
* It could be a modified version of an existing test. This is a differentiating feature of test-driven development **TDD** versus writing unit tests after the code is written, it makes the developer focus on the requirements before writing the code, a subtle but important difference.
* We have attempted to be exhaustive in documenting changes in the attached file, but believe that many of these changes will impact very few users. .Customer Feedback: The **ASP.NET** project model was changed in response to customer feedback.
* Worked on building web applications, **WCF** services and other real-time interfaces to create user experience that meets and exceeds the needs of the client and internal team specifications using **agile** and **scrum** methodology.
* **Azure** Supports Portable Class Library (PCL), which targets apps that are built for .NET Framework 4.5, Windows Phone 8, Windows Store, and Silverlight.
* **Azure** ships as a set of focused packages with minimal dependencies to simplify versioning.
* **Azure** supports async/await-based task asynchrony (with easy synchronous overloads).It has a shared infrastructure for common error handling, tracing, configuration, and HTTP pipeline manipulation, factored for easy testability and mocking, built on top of popular libraries such as HttpClient and Json.NET.
* Used Data Annotation, Partial Views, Layouts, Strongly Typed views in **Model View Controller** (**MVC).**
* Used **Razor Engine** for creating web pages.
* Worked on Migration asp.net application to **MVC 4.0** application.
* In our project we have used **BizTalk** Server consultants to deliver improved performance, return on investment, and added the value using: **Electronic Data Interchange (EDI)**, Managed EDI Services, **Salesforce**, **SharePoint Server**, SQL Server, **Service-Oriented Architecture (SOA)**,
* Coding Extensively in **C#** to implement business logic and developing interface classes.
* Generated **Unit Test Cases** using Visual Studio 2010.
* Optimized the Stored procedures for fast data retrieval.
* **MSMQ**stores messages in memory for increased performance, and a message may be sent and received from a queue without ever having been written to disk.
* **MSMQ** message can be marked as recoverable by setting the Recoverable property of a Message object before sending, or if you are not using Message objects and are just sending objects directly (described in [Accessing Message Queues](https://msdn.microsoft.com/en-us/library/ms978425.aspx) as the simple method of sending messages) you can control this behavior by setting the Default Properties Send property on the **Message Queue** object.
* Developed web application **GUI** using ASP.Net, C#.Net, JavaScript, AJAX,
* Worked on **PL/SQL**, creating different views for data modeling.
* Used **Git** for managing the source code.

**Environment:** .NET Framework 4.0, SOA, PL/SQL**,** WPF, WCF, AngularJS**,** WCF, AJAX, MVC 4.0, Visual Studio 2013, Oracle 10g, MVC, ASP.NET, SOA, LINQ,Jboss, EDI, Microsoft Azure, SQL server 2012, BizTalk, Toad,Git, SOAP, XML, TFS.

**Bridgestone, Aiken, SC June 2013 – Feb 2014**

**.Net Developer**

Bridgestone Corporation, the world’s largest tire and Rubber Company. BSAM and its subsidiaries develop, manufacture and market a wide range of Bridgestone, Firestone and associate brand tires to address the needs of a broad range of customers. Dealer Information System is a web application for dealer tracking and maintaining the dealer information. The system provides functionality to search, add, view and edit dealer information, organize sale events, track the dealer records, documents and communication.

**Responsibilities:**

* Developed rich GUI in Web Forms and User Controls for the applications.
* Used Master Pages, Themes and CSS for consistent layout , look and feel of the web pages
* Involved in design, development and testing the various Module screens using **ASP.Net**
* The tasks included writing the C# classes, developing user controls, writing **JavaScript** functions, Creating **CSS style sheets.**
* Created and used different Model(s), Simple and Complex View(s) and Controller(s) using **ASP.Net MVC 3.0 with razor View.**
* Experience in Creation of Web User Controls and **Web Custom Controls.**
* Extensively used **Asynchronous JavaScript** Calls to do data processing.
* Also extensively used **JSON** format.
* Implemented **HTML Helper MVC** **WebGrid** with **JQuery** for boosting the pagination performance, and loaded the graphical data with **JSON.**
* Extensively used **Silverlight** for rich user interface.
* Implemented **AJAX** script to handle Silverlight events and manipulate **Silverlight controls**
* Implemented XML Web Services in **C#** based on **SOAP** protocols using X**ML and XSLT** extensively for data transfers.
* Experience in **LINQ and WCF Data Services**
* Used **LINQ** entity framework for retrieving data from the database.
* Created **WCF Service** to retrieve and send information from client side without Post Back and consuming existing Web Services using **SOAP, HTTP and WSDL.**
* Used the **ADO.NET** SqlClient Objects **like Sql Connection, Sql Command, Sql DataReader and Sql DataAdapter** and Dataset object in the Data Access Layer to fetch the data from the SQL Server 2012 database.
* Involved in creating **Views, Stored Procedures** and **Triggers** and calling them from the Data Access Layer.
* Worked on **WCF Web Services** by implementing **Service Contract, Operation Contract and Data Contract** attributes.
* Created dynamic and interactive user experience with extensive use of **AJAX and jQuery**.
* Involved in deploying the application on the **IIS server**
* Extensively used **ASP.NET C#.NET Validation Controls and JavaS**cript for client side validations in the Web Pages.
* Performed **Unit Testing** to identify and resolve integration, functional and usability issues before deployment.
* Implemented Exception Handling mechanism using .**NET Framework** classes to debug the errors.
* Participated in various Client meetings with the team and the Project manager to discuss improvements/amendments in the development of the on base application.
* Provided support and also involved in maintenance process

**Environment:** .NET Framework 4.0, C#, HTML, CSS, JAVA SCRIPT, ASP.NET, SQL SERVER 2012, Visual studio 2010, IIS Server, Silverlight.

**Med Impact, San Diego, CA Feb 2012 – May 2013**

**.Net Developer**

Med Impact Healthcare Systems fills the prescription for keeping its customers' bottom line in healthy condition. The company provides and manages prescription benefit programs for self-insured employers, health plans, unions, insurers, third-party administrators and others, covering some 32 million members across the US. Med Impact handles administrative operations such as claims processing and network management. While the company does not actually dispense any drugs, it does provide formulary designs, disease management programs, reporting on usage trends, and other clinical consulting services. The company was founded in 1989.

**Responsibilities:**

* Gathered Client requirements and converted them into the Technical Specifications and developed Web forms using **C#.NET.**
* Designed GUI using the **HTML, JavaScript, CSS, Jquery, Angular Js** and Custom Controls.
* Involved in developing client side scripting using **Angular Js.**
* Worked with various **Angular Js Expressions**, Directives, Filters and Controllers.
* Implemented various stored procedures and SQL statements to access data from **SQL Server** database.
* Used LINQ to Entities, **LINQ to SQL,** **LINQ to XML** and **LINQ to Objects** for retrieving the data proficiently.
* Used **JSON** for standardized data exchange format for Ajax-style web applications.
* Used **JSON** serialization to serialize and deserialize data in JSON format.
* Good experience of developing and debugging data services using Windows Communication Foundation **(WCF)**
* Developed the web application using **C#.NET, ASP.NET, ADO.NET, and SQL Server.**
* Used **XML and XSLT** maintained Web site and added new links for external site.
* Worked on parsing and editing **XML** documents by validating it to the schema using class libraries provided by **.NET.**
* Used **JSON** to stringify and post web form data using **RESTful services.**
* Implemented **SOA** architecture with web services and functionalities like creating, consuming and publishing **XML Web Services (SOAP, WSDL)** using .**NET.**
* Good experience of developing reports using **Crystal Reports** and **SSRS (SQL Server Reporting Services).**
* Performed extensive Unit testing using **NUnit.** Prepared test cases for functionality testing.
* Maintained existing code and written technical documentation as per migration.

**Environment:** .NET Framework 3.5, C#, HTML, CSS, XML, LINQ, ADO.NET, JAVA SCRIPT, ASP.NET, SQL SERVER 2008, REST, SOAP, Visual studio 2010, SSRS, Crystal Reports.

**AAA, Dearborn, MI Feb 2011 – Feb 2012**

**.Net Developer**

**AAA** (the American Automobile Association, Inc.) is a federation of affiliated automobile clubs. Each AAA club is an independent, not-for-profit organization, chartered and incorporated in its own state and controlled by its own Board of Directors. In order to be affiliated with AAA, each club agrees to provide certain standard services to its own members, as well as members of other AAA clubs. The individual club owns the territory in which it resides, and membership is based on residence. Exact dues and services will vary slightly between clubs.

**Responsibilities:**

* Was involved in all the phases of **SDLC** such as requirements gathering, design, coding and testing.
* Worked on **waterfall** software methodology.
* Gathered the requirements and involved in requirement analysis
* Analyze and realize Use cases to Class Diagrams, Sequence diagrams and Component Diagrams
* Extensive involvement in all stages of application development lifecycle including requirements, analysis and design.
* Created different modules for daily work flow and designed dashboard and working queue for the employees
* Worked on Implementing **HTML5 and W3c Validation(s**) for all the modules.
* Designed the UI for some modules of the application using **ASP.NET controls.**
* Developed administrative pages to insert, update and delete the data
* Implemented the business logic in **C#.NET** for some modules of the application
* **Used JQ Grid** to display transactional data, Hierarchical Grid functionality , Sub Grid, Grouping, Fixed Header Rows, Columns etc
* Understanding existing web service input / output parameters, methods to extract code business Rules and implementing them with **C#.**
* Updated the classes and methods in the business layer to access the Data Access Layer using Object Oriented Programming in **C#, Visual Studio 2008 and .Net Framework 3.5.**
* Developed User Interface in **ASP.NET**
* Involved in Design and Development of components for this application using **ASP.NET, C# .NET, JavaScript, XML, XSLT.**
* Developed module which deals with validating user, changing passwords and searching of information depending upon priority of user in site using **ASP.NET.**
* Used **WCF Services** for getting the data from Web to the designed application especially for billing and transactions.
* Created generic secure and reusable data access components using the **ADO.Net** objects such as **Dataset, Data Adapter, Data Reader and ADO.NET API.**
* Implemented **DAL using ADO.NET** components like **Data Set, Data Provider, and Data Reader** to store and retrieve database information.
* Involved in bug fixing occurred during testing process
* Documented release plan, **Test case(s) and LLD** or respective modules with Business Case studies.
* Coded for New Modifications and new modules of the application
* Involved in development of the Technical documents for support.
* Handled many production issues and enhanced the User interface as per the requirements

**Environment:** .NET Framework 3.5, C#, ASP.NET, SQL SERVER 2008, Visual studio 2008, MS Visio, UML.

**CTech IT Solutions, Hyderabad, India May 2009 – Jan 2011**

**.Net Developer**

Ctech IT Solutions is a software development company that develops software applications for standard requirements. They has formed deep-rooted relationships with global enterprises including Fortune 1000 companies, software firms (ISVs), and tech start-ups. As a well-established and fast-growing IT services company, they focus on optimizing and aligning our clients’ IT initiatives with business strategies.

**Responsibilities:**

* Used ASP.NET for front-end and C# in the Business and Data Access Layers to write Validation objects.
* Developed Web forms using Master Pages **HTML controls, JavaScript and CSS** to provide a unique design.
* Used various types of Validations for **ASP.NET** server controls.
* consumed **Remote Web services** to implement **Data Binding.**
* Designed and Developed Web Services to synchronize data from Remote application database to Online Database using **C#.Net, ASP.Net, Visual Studio.Net.**
* Enabled and used Web Services to communicate between Web Client and Server making use of **XML and SOAP technologies.**
* Worked on **User Control, Ajax Toolkit** to develop the applications.
* Used **C#, JQuery, AJAX, SQL Scripts, Stored Procedure, and Trigger** to develop the code.
* Publishing the web site on **IIS server.**
* Worked on developing database applications and assisted with design of databases.
* Developed Data Interacting pages to Update and Maintain Info using **ADO.Net technology.**
* Used **PL/SQL Collections (Nested Tables and Varray)** in complex backend packages.
* Worked on complex modules involving transactions across multiple databases using **DBLINK.**
* Modified Master pages, User controls, Custom controls to suit user’s needs
* Used **LINQ** entity framework for data access and database operations.
* Performed Bug fixes and enhancements for web applications using **ASP.NET**
* Involve in Testing (**Independent Testing, Unit Testing, Regression Testing, and System Testing)** for the application developed using test cases
* Involved in development of the Technical documents for support.

**Environment:** .NET Framework 3.0, ASP.NET, ADO.NET, LINQ, C#, Silverlight, SOAP, XML, SQL Server 2005/2008 .

**Vectramind, Hyderabad, India Nov 2007 – Apr 2009**

**.Net Developer**

Vectramind is the most rewarded mobile strategy and execution specialists in the region. They create, execute and analyze long-term mobile strategies and programs for the region’s top brands and agencies, and are passionate about doing it better than anyone else.

Vectramind includes office locations across the UAE & India. Vectramind management team is deeply involved in sustaining relationships through the fulfillment of both measurable and intangible expectations.

**Responsibilities:**

* Participated in the planning, implementation, and maintenance of software applications developed and supported by Research Informatics.
* Assisted in design of software and programming applications, including Internet-based software applications.
* Assisted in customizing off-shelf applications, in particular, the Laboratory Information Management System (**LIMS**); in maintaining program libraries and with maintaining   
  technical manuals.
* Developed Internet-based applications with **Active Server Pages and Java applets**
* Implemented **cryptography, encryption and encoding algorithms** and systems
* Worked on **SQL Server** and related client-server applications.
* Advised and assisted clients in the use of software applications developed and supported by **Research Informatics.**
* Developed training materials for users. Develops and oversees the development of customized reports and analyses as required.

**Environment:** .NET Framework 3.0, C#, ASP.NET 2.0, SQL SERVER 2005, Visual studio 2005.