**BhanuRekha**

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**Summary**

* 6**years** of experience in analysis, design, development and deployment of web application for client-server technologies, distributed and object oriented programming in N-tier architecture with Microsoft technologies, following **Agile/Scrum** development methodologies.
* Expertise in developing applications under **.NET Framework** using **ASP.Net, C#, VB,SQL Server, WPF, Silverlight and WCF.**
* Worked on designing and developing web applications using **HTML4/5, XML, XAML, JavaScript, JQuery, JSON, LINQ, Web Services, AJAX, CSS, Master Pages** and **Site Map** to enhance user experience and performance.
* Extensive experience in designing & normalization ofrelational database, creating complex database queries using **SQL queries, Stored Procedures, Functions, Views, Indexes and Triggers in SQL Server.**
* Extensively used **LINQ** and **ORM** tools like**Entity Framework** to exchange data between web applications and database objects.
* Good experience in developing applications using **MVVM, MVP** and **MVC3/4**designing patterns.
* Worked under **Test Driven Design** and Development.
* Worked on XML Data structures and schemas.
* Strong knowledge at **UML** standards and in preparing Case, Class, Sequence and Activity Diagrams.
* Experience in designing rich interactive **WPF** applications in **XAML** using **Expression Blend** and **MS Visual Studio**.
* Extensively worked on **WCF** and **Web Services** to provide **SOA** architectureand Configuration based activation applications on **SOAP** and **REST** protocols.
* Worked extensivelyin managing security features in the **.NET framework** like authenticating and authorizing users using **Forms based authentication**, creating **Membership, Profiles** and **Role Providers**.
* Experience with Source Control Management tool i.e. **VSS**, **Tortoise SVN** and **TFS**.
* Familiar with latest Web technology like, **CSS 3.0 and HTML5(Tags, Local Storage Feature, New Input Types).**
* Extensively worked on Exporting and importing XML data .
* Excellent knowledge of generating reports with integration and reporting services as **SSIS, SSRS.**
* Team player with excellent communication and written skills with exemplary analytical and problem solving skills.
* Had worked extensively on Win forms to create user interfaces and interactive applications.

# Education:

Bachelors in Computer science and Engineering

**Technical Skills**

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| **.NET Technologies** | C#, ASP.NET, .NET Framework 2.0/3.0/3.5/4.0, ADO.NET, LINQ, Entity Framework, WPF, WCF, C++,Silverlight 3.0/4.0, PRISM |
| **Practices & Design Patterns** | Test Driven Development, Agile & Scrum Methodologies, UML, Visio, OOPS, MVP, MVC3/4, MVVM |
| **Web & Scripting Technologies** | ASP.NET, Web Services, Web Forms, Win Forms, AJAX, AJAX toolkit, HTML/ DHTML, XHTML, XML, XSLT, XAML,Angular JavaScript, JQuery, JSON, CSS, IIS 5.0/6.0/7.0, 8.0, Expression Blend 3.0/4.0 |
| **DataBases & Servers** | SQL Server 2005/2008/2008 R2, MySQL, MS Access, IIS 5.0/6/0/7.0 |
| **Reporting & Testing Tools** | SSIS, SSRS, Crystal reports, N-Unit |
| **Software / IDE** | Visual Studio 6.0, Microsoft Visual Studio.NET 2005/2008/2010 |
| **Windows Platform** | Windows XP/Vista/7, MS Windows Server 2003/2008 |
| **Versioning Tools** | TFS, SVN, VSS |

**Client: Ascension Health, St Louis, MO Oct 2013 – Till Date Role: .NET Developer**

This project was to implement automated prescription management process used by Ascension mail order pharmacies. It consists of a group of application responsible for handling the information with regards to the prescriber and the patient as well as data related to the prescription. After the prescription has been scanned, the application validates the data entered and ensures that everything is in order through a process

**Responsibilities:**

* Performed requirement analysis, design, development, testing, maintenance and deployment of the web portal.
* Used **AGILE/SCRUM** methodology to implement the application.
* Designed **Class, Use Case, Sequence diagrams** using **MS Visio**.
* Worked with JSON to pass the JavaScript objects from server to web application.
* Used front end web development tools like **CSS3, JavaScript, DHTML, and jQuery.**
* Involved in implementing the logic using **C# and oops concept**.
* Have experience in creating ASP.NET web forms to provide UI to web applications.
* Involved in **deploying the application on the IIS server**.
* Involved in the design and development of application on **ASP.NetMVC4, MVVM**Frameworks.
* Incorporated **ASP.NET AJAXControl** like **Ajax Toolkit**, **Script Manager**, **UpdatePanel** and **AJAXTimer**.
* Implemented and Consumed **Web Services** using **WCF**.
* Worked on Regular Expressions for validating input data as well as for extracting data from input.
* Extensive knowledge on XPath,XSLT,XSD.
* 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.
* Developed various interface screens using **Win Forms, ASP.NET** and **HTML** controls for **Client-Server** interaction.
* Worked with various desktop applications.
* Have worked with T-SQL and wrote queries to database.
* Have worked with all .Netframeworks.
* Used the latest **WPF/XAML** vector based UI framework for the front end and **WCF to implement** the various services such as the QA Services in **Winform** application
* Extensively used **ASP.NET, C#.NET Validation Controls** and **JavaScript** for client side validations in the Web Pages.
* Worked with visual studio 2012 and developed user interface usingData Templates, Control Templates, Styles, and Resources using Visual Studio 2012/2012, Blend for Visual Studio 2012, Expression Blend 4, Silverlight Spy and XAML Spy **to have professional and consistent look and feel to the application**
* Used winforms to create user interfaces and interactions.
* 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.
* Used **Silverlight 4.0**for the rich internet applications.
* Created and optimized views for user interactions using objects of **HTML Helper class**, **Custom** Helpers and Angular **JavaScript , knockout Javascript/jQuery.**
* Worked with Web API to provide services to HTTP requests**.**
* Used Master pages, User controls, Custom controls to suit user’s needs.
* Used **Team Foundation Server (TFS)** for Version Control and generated reports using the **SQL Server Reporting services (SSRS)**
* Unit test was done on loosely coupled modules using **NUnit.**

**Environment:** ASP.Net 4.0, MVC, C#,C++, ADO.net, Winforms, Visual Studio 2010, SQL Server 2008 R2, Microsoft Visio, SSRS, Web Services, WCF, XAML, TFS 2010, IIS 7.0, Angular Java Script, JQuery, XML, AJAX, LINQ, HTML, CSS.

**Client: Bank of West, San Roman, CA Jan 2013- Oct 2013**

**Role: .NET Developer**

We have developed an application called Cash Plus System that has an ability to update balances and complete transactions online more than one time a day and provide wire transfers online, and capability to post participation, origination and payment transactions and allow multiple file formats for exporting accounting information as well as it provide access statement information beyond one statement cycle. Moreover, it provides appropriate security to personnel and process central login capabilities.

**Responsibilities:**

* Interacting with business analysts, other developers and management to develop the application.
* Prepared High level and low level design for the wires application.
* Developed Web pages with ASP.NET using **JavaScript, Client Side Validation, Server controls, HTML5 Controls, jQuery** and **CSS.**
* Transformed XML to PDF by using **XSLT.**
* Created **User Controls** and **Custom controls.**
* Using **MVC4** architectures to developed web based applications.
* Used **AJAX** controls to retrieve the data from the server without interfering the display and behavior of existing page.
* Utilized **ASP.NET, C#**, **ServiceOrientedArchitecture (SOA),** Windows Communication Foundation **(WCF)**.
* Good Working knowledge on different WPF controls and customized the appearance of list box and list box items.
* Designed and Developed User Interface for desktop ETSS tool using WPF, MVVM Design Pattern along with PRISM, LINQ TO Entity, .NET Framework 3.5, Expression Blend 4, Visual Studio 2010, XAML, C# **that injected views and assisted end users to provide file transfer profile details.**
* Used SMTP mail classes of .NET to enable customers in receiving mails with suggestions, alerts from the bank, confirmation, and notifications.
* Experience in building **Silverlight** applications using .net. Involved in building a rich web experiences using **Silverlight** and **JavaScript**.
* Performed Application level tracing, debugging, and state maintenance through the **Web.Config** file under the root directory of the application.
* Have done migration from Frame work **1.1** to **4.0.**
* Used **Agile methodology** was used to emphasize on face-to-face communication over written documents and make sure that iteration is passing through a full software development cycle.
* Worked with various controls to create winforms.
* **TFS** was used to maintain the version and source control.
* Involved in fixing the bugs in the web applications.
* Created **test cases** for the application.
* Implemented Unit testing.
* Involved in writing the installation documents for the application.

**Environment:**Visual Studio.Net 2010, C#.Net, C++, ASP.NET, WPF, WCF, SOAP, Silverlight, Mainframes, SQL Server 2008, IBM DB2, HTML, XSLT, TFS, CSS, AJAX, IIS,WCF,WPF, WebServices, Test Driven me

**Client: Trusted Technologies, Baltimore, MD Oct 2011 – Dec 2012**

**Role: .NET Developer**

We developed an online platform for school courses allowing teachers and students to manage their work and share information. It facilitates both learners and instructors can continuously share educational content in a simple online environment. It allows teachers to create a website for their course and then give instructors the ability to start and facilitate student discussions, collect assignments and share class materials

**Responsibilities:**

* Implemented the design of functionality through use cases, business process flows, UI design and UML modeling.
* Extensively worked with **MVC** design patterns.
* Changed and modified **DataGrid** Controls to generate responses based on client requests.
* Created core server controls such as **Dropdown List, Checkbox List, GridView** and other advanced controls such as **calendar** control.
* Worked on **Master pages**, **partial pages**, **Themes** and **HTML helpers** using **Razor View Engine**.
* Created rich, easy-to-use Views, Partial Views using **Scaffolding Templates**
* Used **HTML** tags such as header, aside, nav, section and **CSS3** modules such as **Backgrounds**, **Borders**, **Text Effects**, **and Multiple Column Layout** to create rich UI.
* Developed the applications by working on **JavaScript**, **CSS** and **JQuery**.
* Extensive use of **delegates** and **events**.
* Have worked with T-SQL.
* Worked on validating web forms using custom and inbuilt validation facilities in .NET environment.
* Handled run time and execution time errors by implementing appropriate **Error Handlers**.
* Used **ASP.NET AJAX** Toolkit controls like Script Manager, Update Panel within some web pages for partial rendering of the page.
* Developed modules of the application in **ASP.NET** and **Silverlight**.
* Worked with **Silverlight properties** such as **Data Binding, Routed Events**, and **Dependency Property** for rich graphical information presentation and to make components interactive.
* Used **Silverlight Controlsand Toolkits** to provide interactive visual representation to the data.
* Used **XML** for data storage and **XSLT** to transform the **SQL** queries returned as **XML** nodes.
* Involved with writing **SQL** scripts and procedure.
* Used **LINQ to SQL** and **LINQ to objects** for CRUD operations.
* Created **WCF** services for business rule of Claim-centric data retrieval and implemented these services in application using **SOA**.
* Performed N-Unit testing and used SVN for source and version control.

**Environment:** C#, ASP.NET 3.0, MVC, HTML5,C++, .NET Framework 2.5, Silverlight, SQL Server 2008, IIS, Microsoft Visual Studio 2008, LINQ, WCF, WSDL, SOAP, CSS2, JavaScript, JQuery, SVN.

**Client: Kapil Financial Services, Hyderabad, India June 2008- Aug 2011**

**Role: Jr.NET Developer**

The aim of the project is to automate payroll system which provides the functionality in maintaining the employee’s record, generating payroll for each employee and provides an access to their payroll information, such as time worked, accrued sick time and leave balances, online. It has self-service option, allowing employees to fill timesheet directly, saving manager time and money and reduces payroll processing time. There is a possibility of checking salary report at any time so that it doesn’t lead to any miscalculations.

**Responsibilities:**

* Gathered business requirements and used **UML** in preparing case and activity diagrams.
* Developed a 3- tier web application following **Agile** development methodology.
* Involved in Design, Development and Testing of Web Forms and Web Services using **IIS 6.0**, **ASP.NET**, **XML**, and **ADO.NET**.
* **C#.NET** is used to program business logic including code-behind files and classes in the middle tier**.**
* Developed **Admin Module** web pages to enter new policies, edit privileges, and to edit improper user approvals. Developed **Customers Module** web forms to access PBS services.
* GUI of both modules is developed using **HTML, .NET Controls** and **C#**.
* Extensively used AJAX control toolkit in creating efficient and responsive banking application.
* Used JavaScript and .NET Validation Controls for performing client-side validations.
* Designed a **Master Page** and used **CSS** for to provide a consistent look and feel of inherited web pages.
* Designed **Custom** and **User Controls** that allows Change, Edit, and Move the content on aspx pages.
* State Management Techniques are used to maintain state at control level using View State and at application level using Sessions.
* Implemented Security Features using ASP.NET Login Controls, Personalization, Membership, Authentication and Authorization.
* Have worked with T-SQL in querying the database.
* Extensively worked on Creating, Transmitting and Consuming WCF and Web Services.
* Implemented DAL using **ADO.NET**components like Data Set, Data Provider, and Data Reader to store and retrieve database information.
* Performed database operations on **SQL Server 2008** to create and maintain customer’s information by creating SQL queries, stored procedures, functions, and views.
* Used Microsoft Team Foundation Server **(TFS)** for version control and file sharing.
* Performed **Unit Testing (Mocking objects)** on data access and business access layers.

**Environment:** .NET Framework 3.5, Visual Studio .Net 2008, IIS 6.0, C#.NET 3.0, ASP.NET 3.0, ADO.NET, HTML, CSS, AJAX, JavaScript, WCF, Web Services, SQL Server 2008, SSRS, XML, TFS,andSMTP. 

**Client: Virtusa, Hyderabad, India**  **Jan2008-April 2008**

**Role: Jr. .Net Developer**

The aim of the project is to develop a Workshop Management portal where the admin announces a workshop on a topic and assign it to the trainer. Based on the seats available for the workshop the admin can have a change to approve the request sent by the students and send a confirmation mail along with login credentials for new students. After completion of the workshop they will have secured access to the materials of the workshop portal.

**Responsibilities:**

* Actively participated in the **design, implementation, deployment, configuration, and maintenance phases**.
* Followed an **n-tiered approach** to make the application development flexible and extensible.
* Developed **Master pages** to create a consistent layout of the pages.
* Controlled the style and layout of various Web Forms using **CSS.**
* Developed **Web User Controls** for reusability.
* Involved in writing **Client-side** and **Server-side scripting.**
* Developed Security Layers in **C#. NET** for user Authentication
* Created and consumed **Web Services** using **C#**
* Involved in resolving browser compatibility and version compatibility problems.
* Bound the **SiteMap** to the **TreeView control** for navigating between several **Web Forms**.
* Extensively used **XML DOM** and **XPath** to create, read, and manipulate the **XML data**.
* Developed reusable custom data-access layer using **ADO.NET**.
* Wrote **stored procedures** and database functions for data extraction.
* Used **ADO.NET** as data-access middleware for retrieving data and updating records in database.
* Implemented source control using **VSS.**
* Used **Microsoft Enterprise Application** blocks for **Exceptions logging** and instrumentation.
* Implemented **Forms based authentication**.
* **Unit-tested** during the whole code development process and participated actively in the **integration testing**.

**Environment:**Visual Studio .NET 2005, .NET Framework, ASP.NET, ADO.NET, C#.NET, CSS, IIS 6.0, VSS, XML, XSD, XSL, SOAP, SQL Server 2005, NUnit Testing Framework.