**Divya**

**Summary**

* Over **7** years of expertise in Software Development Life Cycle (SDLC) involving Design, Development, Integration, Implementation and Testing of applications in **Client/Server, N-tier Architecture** based on **Microsoft .NET technologies and SQL Server.**
* Technical expertise in Microsoft Technologies like **.Net Framework 4.0/3.5/3.0/2.0, C#4.0/3.0/2.0, ADO.NET, IIS, Win Forms, Web Services, ADO, WCF, WPF, XML, Microsoft SQL Server** and **MS Team Foundation Server.**
* Experience in **Agile Software Development Methodology, Evolution tree, Waterfall Software Development Methodology** including **SCRUM** thoroughly.
* Involved in application design based on **MVC 2.0/3.0/4.0/5.0, MVP, MVVM with Prism Technology, Singleton design Patterns.**
* Very well acquainted with the concepts like **inheritance, polymorphism, abstraction** and **encapsulation**, have used them wherever **Object Oriented Programming System (OOPS)** is needed and also comfortable with the SOLID principles.
* Experienced in writing **stored procedures**, Views, Triggers and Functions with **SQL Server** and**Oracle**.
* Experienced in creating rich **User Interface on the web** using **HTML 5.0, XAML, DHTML, Master Pages, Angular Js, CSS, Ajax, JavaScript** and **JQuery.**
* Strong experience in design of **Web-Based Applications** using **ASP.NET, AJAX, JQuery, Master Pages, Web Services** and**Server Controls.**
* Experienced in using **XML technologies** like **XSD, XSLT, XQUERY** and **XPATH Navigator**.
* Developed **Data Access Layer (DAL), Business Logic layer (BLL)** also in implementing Business Processes.
* Expertise in implementing **SOA** using **WCF** technology developed and consumed **WCF** services with features versioning, security, optimization and reliability.
* Extensive experience in developing and consuming **Web Services** using **WCF, REST based Services, Web API**
* Created Entity classes, relationships between entity classes using **LINQ (Language Integrated Query)** to **SQL** to manage relational data as objects with **Entity Framework.**
* Good knowledge over .Net framework 3.5 concepts like **Lambda expressions, LINQ**, **Extension methods** etc.
* Working experience in **data modeling** and **implementing tables, views, stored procedures, functions,** and **triggers** using **T-SQL**.
* Extensive knowledge of writing **complex queries** using **SQL Server 2012/2008/2005.**
* Extensive experience in **development** and **optimizing of Queries** using **SQL Query Analyzer, Stored Procedures** and **Triggers.**
* Prepared **Technical design document, Use cases, Test cases** and **User manuals** for various projects and good at **Bug fixing, Code reviews,** and **Unit & System testing.**
* Experience with **Test-Driven Development (TDD)** like **N-Unit testing frameworks.**
* Strong experience in using **Configuration Management, Building Schedule** using **TFS** and **VSS.**

**Technology and Tools:**

|  |  |
| --- | --- |
| **Core Competencies** | Visual Studio 2013/2012/2010/2008/2005, .Net Framework 4.5/4.0/3.5/3.0/2.0, ASP.NET, ADO.NET, Entity Framework 4.0, MVC 5.0/4.0/3.0, Web Forms, Windows Services, Web Services, WCF, Web API, LINQ, JQuery, Angular JS |
| **Programming Languages** | C, C#, VB.NET, T-SQL, PL SQL |
| **Web Technologies** | ASP. NET, HTML, DHTML, XML, SOAP, JavaScript, CSS |
| **Scripting Languages** | JQuery, Java Script, AJAX, Angular JS |
| **RDBMS** | MS SQL Server 2012/2008/2005, Oracle 9i/10g, MySQL, MS-Access |
| **Database Tools** | SQL Server Management Studio, TOAD |
| **Version Control** | Team Foundation Server (TFS), SVN, GitHub |
| **Reporting Tools** | Crystal Reports, SSRS |
| **Integration Services** | SQL Server Integration Services (SSIS) |
| **Third Party** | Kendo UI, JQuery UI, Bootstrap |
| **Application Servers** | Microsoft IIS 5.0/6.0/7.0 |
| **Operating Systems** | Windows NT/ 2003Server/ 2008Server/ XP/ Vista/ 7 , Linux, iOS, Android |
| **Domains** | Healthcare, Banking, Retail, Insurance |

**Education:**

* Bachelors in Electronics and Communication Engineering,India

**PROFESSIONAL EXPERIENCE**

**eviCore Health Care, Bluffton, SC July 2015 – Till Date**

**Title: Senior .Net Developer**

**Project Description:** The project was created to keep track of patient details with creating web pages using .Net Technology. The Intranet/Internet project was developed to maintain various departments of hospital. The web interface was developed to search pages for patient information, adding and deleting patient information. This web interface was developed for various departments of the hospital like patient registration, create appointments, consultation, message board, and billing and follow up, Nursing Notes. It also includes reports, which makes physicians refer the patients. This application is useful to track the information for both physicians and staff.

**Responsibilities:**

* New application developed from the scratch **with ASP.NET MVC, C#, Entity Framework, WCF, JQuery, Java Script, Angular Js, AJAX, HTML 5 and CSS 3.**
* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Involved in requirement gathering, **N-Tier** Application development (MVC), User Interface, Application Layer, Business Layer, Web Services, system integration, Deployment.
* Following **Scrum methodology** during project delivery which includes **Sprint Planning & Daily Scrum meetings**.
* Written custom utility classes to be used in **ASP.NET MVC application.**
* Followed Agile Methodologies and Test Driven Development (TDD).
* Created custom action filters using in **ASP.NET MVC**.
* Extensively worked on **Database Query** and **Performance tuning**.
* Developing and implementing Business Logic.
* Implemented web services with **Service Oriented Architecture (SOA).**
* Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#.
* Implemented and consumed **WCF RESTful services using SOA**.
* Designed and developed data access layer, which would connect to various databases for various groups using **ADO.NET**.
* Developed Single Page Applications (SPA) based on client side JavaScript framework **Angular JS**.
* Implemented the **Entity FrameworkCode FirstApproach** to interact with Database and also implemented the Mappings, Model Changes**, CRUD** operations and dealt with performance issues
* Created new database objects like **Store Procedures, Triggers, Indexes and Views using T-SQL** in Development and Production environment for SQL Server.
* Used SQL Server objects for **Data Binding** and **Data Management** with consistent access to SQL Server data 2008 sources.
* Heavily used **LINQ to Objects** and **LINQ to Entity framework**fordata retrieving and data manipulation**.**
* Data retrieval and manipulation using and LINQ to objects.
* Performed application level tracing, debugging, and state maintenance through the **Web.config file** under the root directory of the application.
* Implemented client side operations using **JQuery** and also **AJAX** functionality to call the **WCF** operation Contracts in Asynchronous manner and to get the data in **JSON** format
* Implemented custom **validation controls** to perform both client side and server side validation.
* Provided Custom Based Security for **Login and Authentication**.
* Used bootstrap Cascading Style Sheets (**CSS 3**) with **HTML 5** to attain uniformity of all web pages.
* Implemented **SSIS** for **data migrations** from flat file sources like XML, CSV, Excel files.
* Implemented JavaScript libraries like **jQuery, angular js** and **CSS** libraries like Bootstrap.
* Used Angular JS as the development framework to enhance the legibility of the code.
* Daily and weekly order details, fraud call details are implemented using **SSRS**.
* Implemented test cases using **NUnit.**
* Responsible for deployment of the Application in production and resolving any post-deployment issues.
* Provided estimates, daily & weekly status report to the client on progress of the tasks.
* Additional responsibilities are to support production issues, SVN maintenance, and Migrate code to test environments and guide other project development team’s issues.
* Created bug reports to monitor resolution status along with Bug fixing.
* Implemented TFS for versioning, Involved in Code merges from Development - Integration – Staging to Production.

**Environment: MVC 3.0/4.0, .NET Framework 4.5, Razor Views, Partial Views, Layouts, C#, ADO.net, Visual Studio 2012, SQL Server 2012 R2, SSRS, Web Services,WCF,REST, Web Api,IIS 7.0, Java Script, JQuery, Bootstrap, Angular Js, Entity Frame Work 6.0, MVVM, XML,XSLT, AJAX, HTML5, CSS3, TFS2010, NUnit 2.5,SSIS,SSRS.**

**Citi Bank, Warren, NJ Jan 2014to June 2015**

**Title :Senior .Net Developer**

**Project Description:** Citi Financial Services, concerns processing all documents for different LOB's, such as Correspondent, Home Loan Direct, Business loans, Home Equity etc. Wealth management system (WMS), the project involved development of a web based application used to update the customer details. This system is highly secured and allows only authorized users to create new bank accounts and reconciles checks. Application has many reports like Stop/void checks Report, Re-printed checks report, Manual entries, user activity and many more. This application is developed using .Net Framework 3.5.

**Responsibilities:**

* Gathering new requirements from CitiFinancial Business partners, Product Owner and Compliance Departments.
* Implemented the **AGILE** software development process, using **SCRUM** methodology.
* Extensively involved in designing Web application using **MVC 4.0, Razor Syntax, Entity Framework, JQuery for Client Side validation, Bootstrap and HTML5.**
* Used **HTML5 and CSS3** throughout the application to add content rich and interactive web pages.
* Used **JSON/AJAX** and Custom **HTML** Helper Classes to implement asynchronous calls to the server to update the changes.
* Implemented Routing for the Web Application using **Angular JS UI Routing.**
* Involved in implementation of the Entity Framework object relational mapper layer using database first approach and **EDMX** modeling.
* Used Compiled Queries, Multiple Contexts, Explicit Loading, Save Changes to context after all db Operations to improve the performance in Entity framework.
* Implemented Routing, URL, Security, Action Filter techniques for application development.
* Wrote **LINQ to Entity** to access entities and manipulate them on server side to provide showing and managing functionality.
* Experience in working with **JavaScript** Frameworks like **Angular JS** which simplifies JavaScript object bindings with **HTML** Elements and client server communications.
* Written Queries using **T-SQL** Statements, Views, User Defined Functions, Stored Procedures, Triggers in SQL Server 2008 for inserting/Updating/ Deleting the data into the relational tables.
* Used **LINQ to Entities** extensively to query and filter the models to be displayed on view.
* Implemented **WCF** Services with various contracts like Service Contracts, Operation Contracts, Data Contracts, Message Contracts and Fault Contracts
* Analyzed and designed **WPF** application using **MVVM and Repository pattern**, from design to completion.
* Implementation of client side validations using **JQuery** and **MVC** Validation implemented at Controller level.
* Implemented **WCF SOAP/REST** and Consumed **WCF** Services from both Windows forms and ASP.NET web applications.
* Created controllers in C# which has **Web API** methods to accept user inputs and return response in JSON format.
* Used **Web API** technology to make **CRUD** operations taking advantage of the HTTP-Verbs support that Web API provides.
* Participated in database modeling and development using **SQL Server Stored procedures** and **Functions.**
* Prepared and executed test scenarios to test the functionality of the application.
* Designed and developed and **e-mail** notification system.
* Extensively worked on **SSIS** Package Development and used all types of transformations
* Implemented **UI** using Razor, Partial Views, and Layouts.
* Develop reports using complex formulas and to query the database to generate different reports using **SSRS**.
* Experience in handling the exceptions and debugging the application.
* Involved in unit testing, Feature testing and regression testing, bug tracking and defect management.
* Involved in **performance tuning** and **query optimization**.
* Utilized Team Foundation Server **(TFS)** for version control during development and maintenance

**Environment: Visual Studio 2010, .NET Framework 4.0, Entity Framework 5.0, ASP.NET, C#.NET, WCF,WPF,MVVM, MVC 4.0, Angular Js, Web API, SQL Server 2008, ADO.NET, IIS 6.0, Silverlight 4.0, NUnit,SOAP, HTML 5.0, CSS 3.0, JavaScript, JQuery, AJAX, XML, TFS, SSIS, SSRS.**

**Safeway Insurance, Chicago, IL Nov 2012 to Dec2013**

**Title: Sr. C#. Developer**

**Project Description:** Claims PaymentSystem (CPS) was developed as Internet web application. This application contains 15 different web pages such as User dashboard, Admin settings, Find claims, Report builder etc. Any customer can call the agent for reporting the claim, checking the status of the claim, and signing up for a Policy. The entire web application was developed as five layered architecture consisting of DAL (Data Access Layer), Business layer, Coordination layer, Web Services and User Interface.

**Responsibilities:**

* Involved in Designing, Developing and Testing of Web Forms and Web Services using **IIS 6.0, ASP.NET, XML, ADO.NET, NUnit Testing**& implemented application using **AGILES methodology**.
* **C#.NET** is used to program business logic including Code-behind files and Classes in **N-tier application architecture.**
* **Implemented Agent Visibility**, where each agent will be able to view only his own customers, payments and Transactions by using **role management**.
* Designed and developed Web Pages using **ASP.NET Controls, C#, CSS, AJAX,Bootstrap,Angular Js** and **HTML** to facilitate the client and their customers.
* 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 accounts information by creating **SQL queries, stored procedures, functions,** and **views**.
* Worked with the Management to decide the **Interface design** based on the customer needs and services to be offered on the site
* Worked with **MVC** design patterns and used angular js for two way databinding.
* Created HTML and CSS template designs using **Bootstrap** for designing the web pages
* Created **WCF** services to provide data from integrated to the client.
* Written **T-SQL Queries, functions, views and Stored Procedures** using SQL Server 2008 for backend development.
* Worked on **WPF** to communicate between DAL and other business components.
* Developed the reusable framework for the application using the ASP.NET MVC 3.0.
* Used **JavaScript/JQUERY** to perform validations and catch the events on client's browser.
* Involved in developing web Pages with rich **UI, AJAX**, and **JQuery** using **ASP.NET**.
* Worked with **ASP.NET Web Forms, Web Services, and State Management, Caching features, Configuring optimizations and securing the web application.**
* Developed module which deals with validating user, changing passwords and searching of information depending upon priority of user in site Using ASP.NET.
* Extensively used **AJAX** control toolkit and **JQuery** in creating efficient and responsive application.
* Designed **Master Pages**, customized **user controls** to reuse the same set of controls as a unit and used **CSS** to provide a consistent look and feel of inherited web pages.
* **State Management Techniques** are used to maintain state at control level using **View State** and at application level using **Sessions**.
* Used **XML** and **XSLT** maintained Web site and added new links for external site.
* Used **LINQ** along with **ADO.Net** for **data retrieving, querying, storage** andmanipulationof different data sources like **XML, SQL**.
* Worked on **SSIS** tool called Generic data loader which is used to load and transfer data from an excel sheet, flat file, database table to any destination table either be in Microsoft SQL or Oracle Database.
* Configured Web Server, Deploying the actual site with various service modules and user interface enhancement.
* Used Visual Source Safe for the purpose of Version Control and Source Code maintenance needs.

**Environment: ASP.NET,VB.net .NET Framework 3.5, Visual Studio .Net 2010/2008, IIS 6.0, C#.NET 3.0, ASP.NET 3.0, ADO.NET,HTML, CSS, AJAX, JavaScript,PL SQL,Bootstrap,Angular Js,WCF,UML, JQuery 1.0, Windows Services, Web Services, SQL Server 2008 R2 , SSIS, XML, , SMTP, VSS.**

**Harland Clarke, San Antonio – Texas Nov 2011 to Oct 2012**

**Title: .Net Developer**

**Project Description:** Expressionery is a retail stationery application for all occasions and this application provides merchandising, marketing, content personalization, automated recommendations, and live-help services.

**Responsibilities:**

* Developed the modules of web application using **C#.NET, ASP.NET, ADO.NET**, and **SQL Server**.
* Implemented **WCF** services for effective data transfers between the Business and Customers using Data Contracts, Service Contracts and Operation Contacts.
* Configured web.config file for WCF settings such as bindings, endpoint setup, connection strings, authentication, **Session Management** and **trace**.
* Used **nHibernate**, **WPF** and **WCF** to communicate between **DAL** and other business components.
* Enhanced and developed UI functionality using **ASP.NET**, **HTML**, and **XM**, **XAML, Javascript**.
* Worked extensively with **DataGrid**, **Datareader** and **Datatable** to display data on UI.
* Used **MVC** architecture for client server interaction.
* Used **SOAP** to Implement **Web Services**
* Created new SSIS packages for populating data into **MS SQL** database.
* Used the latest **WPF/XAML** vector based UI framework for the front end.
* Involved in creating database using **SQL Server** and have also created **stored procedures**.
* Improved the performance of web pages by using **AJAX** and**Telarix**.
* Created **CSS files** to be applied to various web forms on the web pages.
* Used **Ajax tool kit**, Multi views, regular expressions, regular expression validates, user search controls .
* Used **Session State, View State, Cookies** and **Query Strings** to persist and transfer data between pages.
* Used **LINQ** along with **ADO.Net** for data retrieving, querying, storage and manipulation of different data sources like **XML, SQL**.
* Implemented **Session state** and **Cookies** for web development and **security**.
* Created Crystal reports on the web page by accessing the database.
* Used **TFS** for integration, code security, and version and source control.
* Performed rigorous **unit** testing and **integrating** testing to ensure code satisfies technical specifications.

**Environment: ASP.NET(C#),VB.net .Net Framework 3.5/4.0,MVC,Silverlight, SQL Server 2012,T-SQL, Visual Studio 2010, HTML,JavaScript, JQuery, CSS, Silverlight, ADO.NET, Web Services, SOAP, WCF,WPF, IIS ,SSRS,SSIS, LINQ to SQL, LINQ to XML.**

**ICICI Bank, India Sep2010- Oct 2011**

**Title: .Net Developer**

**Project Description:** ICICI Bank, one of the largest banks in India, is a premier provider of various financial and mortgage services. This project aims at recreating a secure and convenient Internet banking system. First time users should setup an access to the online banking system and later on sign in using the identity. This system provides a complete view of personal accounts viz. savings and checking, loans and investments. The system also facilitates online bill payments, request for online statements, Internal Fund transfers etc.

**Responsibilities:**

* Used .NET Server Controls, HTML and CSS in designing and styling the Customer’s module web forms.
* Core **Server Controls**such as **Dropdown List, Grid View, Menu, and Site Map** are used in developing **GUI** with Visual **C#** as code-behind logic.
* Performed validations using **.NET Validation Controls**and **JavaScript.**
* Custom validations are implemented at **mid-tier** level to perform server-side validations.
* Performed application-level **Tracing, Debugging** and state maintenance through the **web.config** file under the root directory of the application.
* Used **ADO.NET** objects such as Data Reader, Dataset, and Data Adapter for data communication between the web application and databases.
* Responsible for writing **SQL Queries, Stored Procedures, and Database Triggers** using**SQL Server 2K.**
* Involved in tuning expensive SQL Queries for better performance.
* Developed **Web services/REST Services** for building applications that send and receive messages by using the **Simple Object Access Protocol (SOAP) over HTTP.**
* Participated in analyzing, designing and prototyping the initial design.
* Developed the web application using**C#.NET, ASP.NET, ADO.NET,** and **SQL Server.**
* Involved in creating different modules of the web site as**Admin** and **User.**
* GUI of the Modules is developed using**ASP.NET, HTML, XML, and XSLT.**
* ASP.NET web pages are validated at server side using custom validations.
* Involved in client interaction to understand problems/needs and respond back with time lines.
* Designed and developed the database tables, triggers, and stored procedures using **SQL server 2008**andused **Datasets, Data Table and Data View**to retrieve and manipulate data.

**Environment:MS-Visual Studio 2008, ASP.NET 3.5 , C#.Net, .Net Framework 3.5/4.0, NUNIT, Team Foundation Server, SSRS, VB.Net , T-SQL SERVER 2008, SSIS, SSRS ADO.NET, LINQ, WCF, XML, Oracle 10g,PL-SQL, and Windows 2008 Server.**

**Info Systems, Bangalore, India June 2008 to August 2010**

**Title: .Net Developer**

**Project Description** This is a comprehensive and integrated Hospital Management System for a Super Specialty Hospital. This package is used to computerize the activities of a servicing system. This package contains four modules. They are Administration, Patient Care System, Health Services and Auxiliary Services. Each module is having sub modules with in this sub modules will maintains storing, registering, details of joining patient details, and over all day activities maintains one particular database.

**Responsibilities:**

* Participated in analyzing, designing and prototyping the initial design
* Responsible for developing **GUI** Screens using GUI of the Modules is developed using**ASP.NET, HTML, XML, and XSLT, JavaScript** for gathering and storing the information.
* Coding and implementing the requirements using **C#.NET, ASP.NET, ADO.NET,** and **SQL Server.**
* Used .NET Server Controls, HTML and CSS in designing and styling the Customer’s module web forms.
* Created User controls, Custom controls, and used in the application.
* Worked extensively on **web forms** and data binding controls like Grid View, Data List and drop down and Mapping page fields to the database fields.
* Used **Validation Controls** as well as **Custom validation** for corresponding validations required for business logic in **Web Forms.**
* Performed validations using **.NET Validation Controls**and **JavaScript.**
* Implemented Session State in**Sql Server** to maintain consistency in **Web forms** Environment.
* Developed programs for accessing the database using **Ado.net** to execute queries, and to manipulate the data in the database.
* Used **ADO.NET** objects such as Data Reader, Dataset, and Data Adapter for data communication between the web application and databases.
* Involved in creating different modules of the web site as**Admin** and **User.**
* Used **ADO.NET** in the Data Layer to access, modify and delete data in the **SQL Server 2005**.
* Created **SQL Server procedures**, **Triggers, Views** and query optimization is done using **SQL profiler.**
* Involved in tuning expensive SQL Queries for better performance.
* Designed and developed the database tables, triggers, and stored procedures using **SQL server 2005** andused **Datasets, Data Table and Data View**to retrieve and manipulate data.
* Worked on **Crystal Reports** for Reports Module. Maintained Version control using **Team Foundation Server(TFS)**
* Done **Code review, Debugging, Bug Fixing, Unit testing** and **Integration testing** and Production support.

**Environment: Visual Studio.NET 2005/2008, C#.Net3.5, .Net Framework 2.0/3.5, ADO.Net, ASP.Net 2.0/3.5, JavaScript, HTML4, CSS,AJAX, Web Forms, Webservices,REST/SOAP,Crystal Reports ,SQL Server 2005,Unit Testing, TFS 2008.**