**Sowmya D**

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**Professional Summary:**

* Over **8 years**of professional IT experience in Design and Development of Web Applications and **Stand-Alone** Applications using Microsoft Technologies.
* Experience in all phases of **Software Development Life Cycle** including analysis, design, coding, testing and deployment using .NET technologies which includes **C#. NET, ASP.NET 4.5/4.0/3.5/3.0, WCF, WPF, Ajax, LINQ, CSS and IIS 7/6.**
* Expertise in developing **ASP.NET, Windows Applications, Web Services, Windows Services, WCF** and **WPF**.
* Strong knowledge in Web based pages and site design using **HTML, XHTML, DHTML, CSS, Themes, Master Pages, Site Map, XML, XSLT, JavaScript, Angular JS,Bootstrap,JQuery, Kendo, Telerik UI**and **AJAX.**
* Excellent working knowledge in Developing Windows Services, **RestfulWebServices**, **WebForms**, **SOAP**, **XML**, **XSD**, **XPATH** and **IIS**.
* Proficient in Data Analysis, Design and Data Modeling, using **LINQ** (LINQ to SQL, LINQ to XML), **Entity Framework**, **ADO.NET** and **T-SQL** in developing Data Access Layer,writing **SQL** Queries, Stored Procedures and User Defined Functions. Good experience in **SQL Server 2005/2008/2012, Oracle and MySQL**
* Expertise in Developing**ASP.NET MVC**, **Web Forms**, **Web Controls**, **User Controls** and **Validation Controls**in ASP.NET
* Possess excellent abilities in developing database programs like**Stored Procedures, Triggers, Views, Cursors, Packages and Implementation scripts** on **ANSI SQL, PL/SQL**and**T-SQL** using **My SQL, Oracle 11g/10g/9i, SQL Server 2008/2005**.
* Hands on experience in **Object Oriented Analysis (OOA)**and**Object Oriented Design (OOD)**using **Unified Modelling Language (UML)**and **Object Oriented Programming (OOP)**using C#.
* Experience in developing and consuming ASP.Net Web Services, Windows Communication Foundation (**WCF**) and ASP.Net **WebAPI** (RESTful).
* Implemented **ADO.NET** data access techniques i.e. SQL Connection objects, SQL Command objects, Data Set objects, Data Reader objects and Data Adapter objects using Data Grid, Data List and Repeater Controls.
* Generated reports using **Crystal Reports**and **SQL Server Reporting Services (SSRS).**
* Developed projects in **Waterfall, Iterative, Agile**and**Scrum** Development Methodologies.
* Created content driven and user-friendly applications using **WPF**and **Silverlight.**
* Good understanding of developing Web Services using SOAP, XML and WSDL.
* Experienced in template based web programming using Master Pages, Themes, Style Sheets and Skins.
* Experience in using **ADO.NET**objects such as Connection Object, Command Object, Data Reader Object, Dataset Object and Data Adapter Object.
* Experience in Migrating .Net application to **Microsoft Azure**Cloud Service Project as part of cloud deployment.
* Worked with Microsoft Cloud Computing platform, Microsoft Azure in offerings like PaaS and IaaS.
* Good Knowledge on Amazon Web Services (**AWS)**.
* Extensive experience with process modelling using **UML, Flow charts, Sequence diagrams, Activity diagrams and Use cases**by using tools like **MS** **Visio.**
* Experience with versioning tools like **Team Foundation Server, Subversion,GIT and Visual Source Safe.**
* Resilient in adapting to new technologies and work environments.

**Technical Skills:**

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| **.NET Technologies** | ASP.NET,MVC, ADO.NET, Web Services, Restful, WCF,WPF, XSLT, XSD,LINQ, UDDI, WSDL, SharePoint, MVVM, IIS 7/6 |
| **Programming Languages** | C, C++, C#,SQL, Core Java |
| **Web Technologies** | Classic ASP, HTML, XML, CSS, JavaScript, Bootstrap, jQuery, Angular JS, Entity Framework, UML, SOAP, AJAX, Silverlight |
| **Database Technologies** | MS-SQL Server 2012/ 2008/2005, MySQL, Oracle11g/10g/9i, MS-Access |
| **IDE** | Visual Studio .NET 2015/12/08/05,Dream Weaver, SQL Server Management Studio 2012/2008/2005 |
| **Operating Systems** | Windows XP/NT/2000/03/07/08/8.1 |
| **Configuration Tools** | MS Visual SourceSafe, MS Team Foundation Server, SVN, Git Hub |
| **Framework** | Microsoft .NET Framework 4.5/4.0/3.5/3.0/2.0 |
| **Reporting tools** | SQL Server Reporting Services, Crystal Reports |
| **Scripting:** | JavaScript,Angular JS, VB script, PHP, JQuery |

**EDUCATION:**Bachelor of Technology from JNTU, INDIA.

**Company:Wells Fargo CIC,Charlotte, NC**

**Duration: Mar 2016 – Till Date**

**Role: .NET Developer**

**Description:** TheEscalation Issue Tracking System (**EITS**) application is used by EO (Executive Office) Bankers for logging and tracking all customer contacts was enhanced to provide standard functionality and reporting across the WFVC Executive Office. **WFVC**(WellsFargo Virtual Channels) is Wells Fargo primary contact center organization supporting Wells Fargo Phone Bank (which includes Consumer Service, NBBC, Consumer Sales, Premier Banking, Credit Card Customer Service, Online Customer Service and Home Equity Service).

**Responsibilities:**

* Involved in the Analysis, Design, Development, Testing and Maintenance of Applications.
* Involved in enhancing the application for clients requirement based on the market demand.
* Involved in translating business requirements into technical solutions.
* Implementing new design changes to improve the efficiency of the Web Application.
* Developed core functionality with the **ASP.NET MVC Framework (C#. NET, Entity Framework).**
* Designed the application using an **MVC** (Model View Control) Architecture that promotes a clear separation of the presentation, business logic and data access tiers.
* Implemented data access and business logic to meet client requirement.
* Designed the User Interface framework, template layout using **MVC**, **HTML5, CSS3, AJAX, JavaScript, Angular JS**and **JQuery.**
* Hands on experience with CSS optimization using **SASS, LESS** and **Bootstrap**.
* Created and maintained database objects like complex stored procedures, triggers, indexes,functions, views, tables and SQL joins.
* Used **Telerik controls (Kendo UI), Bootstrap** for more productive web design.
* Worked on Windows Communication Foundation (**WCF**) services to communicate between the processes via **SOAP** XML messages and also scheduled it as a Windows Service.
* Involved in tracing all XML Request and Response messages of **WCF** Web Services to resolve the errors and re-queue it via **Windows Service** Job.
* Extensively worked with **Java script, JQuery** and client side validations.
* Implementing the data access layer using **Entity Framework**(Code First approach, Database First approach) and writing queries using **LINQ** to Entity for data retrieval.
* Worked with **IIS** in creating Application Pools and Web Sites to host the applications on servers.
* Worked on investigating outstanding issues in Production and Test Environments of application by analyzing root causes and possible resolution steps.
* Involved in upgrading application from .Net Framework 3.0 running on Visual Studio 2012 to Frame Work 4.5 on Visual Studio 2015.
* Optimized the performance of queries with modifications in T-SQL queries, removed unnecessary columns, eliminated redundant and inconsistent data, normalized tables, established joins and created indexes whenever necessary.
* Experience in using Microsoft Azure and accessing**Azure BLOB**, Table, Files and Queue Storages.
* **Used N-tier architecture** for Presentation, Business and Data Access Layers.
* Used Microsoft Team foundation Server **(TFS**) and **SVN** for version Control.
* Extensively used **SSIS** to create packages to move data from a single data source to a destination.
* Worked with SQL Server Reporting Services (**SSRS**) for providing comprehensive reporting functionality for variety of data sources.
* Performed unit testing on every new version before sending it for User Acceptance Test (UAT).
* Responsible for maintenance as code enhancement and solved errors.

**Environment**: Microsoft Visual Studio.NET 2015/2012, C#, .Net Framework 4.5, SQL Server 2008/12, Entity Framework, XML, XSL, XSLT, SVN, LINQ, ASP.Net MVC 4.0, Telerik, KendoUI, JQuery, Angular JS,JavaScript, HTML, CSS, WCF, Windows Services.

**Company: Quest Diagnostics,Lenexa, KS**

**Duration: Aug 2014- Dec 2015**

**Role:.NET Developer**

**Description:**Blueprint for Wellness® is an innovative health risk identification solution for employers. The program is designed to improve an individual's true understanding of their health by providing new insights through their unique laboratory results. Blueprint for Wellness offers a truly national wellness solution.

**Responsibilities:**

* Extensive involvement in all stages of Software development life cycle including Design, Analysis, development, Implementation, testing and support.
* Used **Agile** development Methodology to ensure teamwork, collaboration and process adaptability throughout the life cycle of the project.
* Developed core functionality with the **ASP.NET MVC Framework (C#. NET, ADO.NET).**
* Created Business Logic Layer & Data Access Layers to implement the MVC architecture.
* Implemented data access and business logic to meet client requirement.
* Designed the User Interface framework, template layout using master page, **HTML5, CSS3, AJAX, JQuery** and **Angular JS.**
* Implemented captcha for insufficient anti automation attack.
* Created database objects like tables, views, procedures, function and packages using **SQL Serve**r Management Studio.
* Worked on Web application based on ASP.NET MVC with MongoDB as source, Data is collected from different sources to combine in one **MongoDB (No SQL).**
* Used JavaScript libraries like **Angular JS** and **Bootstrap**, in developing the front-end applications and increased the efficiency of the webpage.
* Experience in working Client side **MVC** frameworks (**AngularJS**), Single Page Application developments.
* Modified the existing SQL procedures according to requirement.
* Created new procedure for reporting.
* Leveraged html helpers, controller routing infrastructure and model data binding features in **MVC** framework with Razor to create website by using **WEBAPI** and Entity Frame work.
* Developed and consumed **RESTful** Web Services using Microsoft **WEBAPI**.
* Used Microsoft Team foundation Server **(TFS**) and **SVN** for version Control.
* Integrated backend services using REST API's (**Web API**) with Database.
* Publishing the solution onto the cloud into the production server using **Windows Azure**.
* **Used N-tier architecture** for Presentation, Business and Data Access Layers.
* **Used ETL (SSIS**) to develop jobs for extracting, cleaning, transforming and loading data.
* Performed unit testing on every new version before sending it for User Acceptance Test (UAT).
* Used **JIRA** for project and issue tracking.
* Used **TeamCity** for build management and continuous integration.
* Responsible for maintenance as code enhancement and solved errors.
* Involved in Unit Testing, Debugging, Bug fixing, Performance Tuning, and Code optimization.

**Environment**: Microsoft Visual Studio.NET 2008/2010, C#. NET3.5/4.0, .Net Framwork3.5/4.0, SQL Server 2008, XML, XSL, XSLT, Team Foundation Server, Angular JS, LINQ, ASP.Net MVC 4.0, ADO.NET, Entity Framework, Microsoft Azure, JQuery, Web API, WCF.

**Client: NowCom Corporation, Los Angeles, CA.**

**Duration: Sep 2012– Jun 2014**

**Role: .Net Developer**

**Description:** Designed and developed the Collections application used by the Collectors to manage Customer’s account and payment information. This application also allows a Collector to look at his/her pay plan information. Used MVC architectural pattern and Service-oriented Architecture using Windows Communication Foundation.

**Responsibilities:**

* Involved in client interaction, requirements gathering, design, development and delegating tasks to other teammates.
* Worked closely with Business users to understand and analyse the business requirement.
* Design and Develop application using **ASP.NET MVC3, ADO.NET, JQuery, Html, Java Script** and **CSS.**
* Implemented **WCF** to handle a critical issue of caching caused in Web Forms.
* Used **Entity Framework**to design conceptual data access layer from relational database to get the data from the database.
* Involved in application level tracing, debugging and state maintenance.
* Stored Procedures and Triggers are written to automatically update the SQL Server database and to perform automated rules.
* Implemented client side validations/scripting using **JavaScript** and also used **AJAX.**
* Worked with ORM using**Entity Framework**designer for**ASP.NET MVC** application.
* Involved in generating reports through MS SQL Server reporting service (**SSRS**)
* Used **Team Foundation Server, GIT HUB** for Source Code Control, Project Related Document Sharing and Team Collaboration.
* Followed the **Agile** Software Development Methodology.
* Used **EntityFramework** Model as the Data Access Layer (Database First) and implemented data objects, Mapping and executed stored procedures.
* Developed **Service Oriented Architecture (SOA)** that provided methods for system development and integration.
* Extensively involved in **User Interface** designing using **Web Forms**and also **Win Forms**.
* Worked in ASP**.NET Web Forms, ASP.NET State Management, ASP.NET caching features, configuring ASP.NET optimizations, securing ASP.NET web application** and used **ADO .NET** to connect to **SQL Server**.
* Developed presentation layer using server-controls, HTML controls and user and custom controls.
* Experience in working with **AWS**.
* Involved in Unit testing of application.

**Environment:** ASP.Net 4, Silverlight, C#. Net,WCF, ADO.Net, MS SQL Server 2010, SQL Server Management Studio, Visual Studio 2012/2013,Team Foundation Server,AWS, MVVM.

**Client: United Health Group, Teaneck, NJ.**

**Duration: May 2011 – Jul 2012**

**Role: .Net Developer.**

**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. This web interface was developed for various departments of the hospital like patient registration, create appointments, consultation, message board, 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:**

* Participated in enhancements, design reviews, and ensured design meets functional and operational needs.
* Designed and developed the **C# components** for implementing business logic in middle tier in **3-tier application** interacting with SQL Server database using Managed provider using **ADO.NET.**
* Developed complete Data access layer Component using **C#**.
* Developed **WPF**, **Win forms** for adding more advantages to the project.
* Developed **Crystal Reports** to generate various reports like consultation follow up, Nursing Notes and integrated with **ASP. Net.**
* Used Get Patients, Get Physicians web methods in **Xml Web Services** to retrieve information in a particular city.
* Implemented **Form Based authentication** and **Role based authorization** to authenticate users**.**
* Used **ADO.Net Technology** to connect the web forms to data sources such as MS SQL Server and Xml files for manipulating data in database.
* Designed and Architected the Application using **MVC** and designed the application using responsive web design to work on different devices (IPhone, Android).
* Developed **Service Oriented Architecture (SOA)** that provided methods for system development and integration.
* Developed **SQL queries**, **T-SQL procedures**, **Functions**, **triggers** to handle the business rules data integrity and for various data transactions.
* Used **Data Transformation Services** to import the data in SQL server from heterogeneous data sources like excel Access and Oracle.
* Coded using **XSLT** in generating patients listtaking the data from **XML** document and formatting with **XSL.**
* Performed extensive **Unit testing** using **N-Unit,** developed Test Plans, Test Cases.

**Environment:** C#, ASP.NET, ADO.NET, .NET 3.0/3.5, SQL Server2008, HTML, DHTML, CSS, Web Forms, JavaScript,XML Web Services, XSLT, IIS 6.0,Crystal Reports, N-Unit,WPF, Visualstudio. NET 2008/2010.

­­­**Company: Service Corporation International (Houston, TX)**

**Duration: Oct 2009 – Apr 2011**

**Role: .NET Developer**

**Description: Pricing Administration System 1.5**

This project involved implementing functionality to allow strategic pricing team to develop and manage market / location retail pricing for the death care related services, properties and items, generating price lists and frequency plans, developing various interfaces to send files to Multi Packaging solutions, updating PAS database and updating other databases with changes done in PAS

**Responsibilities:**

* Was involved in requirements gathering and analysis which also included documentation of these requirements.
* Was involved in Configuration management and software process management activities.
* Was involved in design and application development based on the requirements.
* Was involved in the UAT phase, System testing phase, Integration testing phase and performance testing phase of the application.
* Developed the Dataset layer **in C# and VB using ADO.NET.**
* Data binding was extensively used to bind various server controls to the data from database. List controls like repeater controls, data list controls and data grid controls were used in displaying rows of data in a customized template format.
* Developed Web Forms and Win forms using classes and methods in Visual Studio 2005.
* Experienced of testing of modules created in this application using **N-Unit Testing**.
* Created reports in **T-SQL using SSRS**.
* **Used SSIS packages** for transfer of data between various systems.
* Written complex SQL queries for data manipulation, insertion, deletion and updates.
* Development of all the front end web pages using ASP.Net and coded related business tier using C#.
* Extensively used Data Grid, Data List, List View and Repeater Controls for data access in ADO.NET.
* Responsible for maintaining versions of code using **Visual Source Safe**.
* Successfully moved the application to production and provided post-production support for the application.

**Environment:** ASP.NET 3.0, VB, SQL Server 2008, Visual Studio 2005, Visual Source Safe (VSS), JavaScript, Crystal Reports.

**Client: Athene Software Solutions, India**

**Duration: Jul 2008 – Aug 2009**

**Role: Web Developer**

**Description:**The goal of this project is to automate the comfort inn reservation system such that the user can reserve the rooms online and take advantage of the new offers if any. This project is divided into three modules i.e. Management module, Reservation module and Reporting module. Management module is the administration module that includes changing of fares, inclusion of new offers. Reservation module allows the customers to reserve the rooms online. Reporting module contains the availability information, customer’s information and revenue information per week.

**Responsibilities:**

* Involved in Requirements Analysis for the application development and Production issue fixing.
* Preparing BRD for new requirements and modifications in existing features.
* Developed web and windows application using .Net Framework, C#, ASP.NET.
* Involved in gathering the System Requirements.
* Used **HTML**, **DHTML**, **JavaScript** and **CSS** in web pages for user customization of page background and styles.
* Implemented user controls and utilized visual inheritance to create consistent views
* Detailed design of ASP.NET **MasterPages** with more than one content place holder to give the consistent look and feel for the website.
* Created ASP.NET content web pages that inherits from master page.
* Analysis of the specifications provided by the clients.
* Involved in Requirement gathering, Functional and technical specification.
* User was authenticated using forms authentication.
* Coding and debugging using **ASP.NET** and C#. NET.
* Used CSS for achieving consistent look and feel of the application.
* Developed **Web forms** using ASP.Net server controls and validated input using Java Script.
* Implemented reporting using Crystal Reports.
* Used ADO.Net objects such as **Data Adapter**, **Data Reader** and **Dataset** for consistent data access.
* Developed Windows service to read data from TCP port and process the data as per the protocols and save it to database.
* Developed windows service to transfer data between different services.
* Writing Database routines, stored procedures and fixing up standard specifications.
* Unit tested the application and fixing the defects raised by the QA team.

**Environment**: .NET Framework, Crystal Reports, ADO.NET, C#, ASP.NET2.0/3.0, XML, HTML, JavaScript, Triggers, Visual Studio 2005/2008, IIS and SQL Server 2005/2008