**Arun babu**

**Sr. .NET Developer**

**PROFESSIONAL SUMMARY:**

* More than 8+ years of experience in Software Design, Development, Testing and Implementation of Client/Server and web based applications.
* Experience in developing applications using Visual Studio **.NET Frameworks 2.0/3.0/3.5/4.0/4.5,** using **C#.Net, VB.Net, VB 6, ASP.NET**for developing**Web Applications & Windows Applications.**
* Good working knowledge on Application development and maintenance life cycle process.
* Proficient in developing and understanding of **Object Oriented Principles** (**OOP**)**, multi-tier web application design, .Net Design Patterns and Relational Database (RDBMS) principles.**
* Excellent knowledge and good understanding of Windows Communication Framework (**WCF**), Windows Presentation Framework (**WPF), Silverlight andMVC** Framework.
* Good Experience in developing Web application using **ASP.NET Web Forms, ASP.NET MVC** by making use of **UI** frameworks like **Javascript, Mobile App Development , JQuery, GitHub,React JS, EXT JS, Ionic Framework, Node.js, angular.JS**.
* Expertise knowledge on **HTML, PHP, JavaScript, VBScript, Classic ASP applications, XML, XSLT, CSS.**
* Experience in designing and branding Master Pages utilizing Server **Controls, User Controls, Data Grid control, Form Validation controls, Custom controls and CSS 3.**
* Experience in **ADO.NET** controls such as **Grid View, Data List, Details View, Form View** and **Repeater.**
* Good Experience in developing and consuming **web services** using **REST/SOAP** over **HTTP, WCF** and **ASP.NETWeb API’s** using **C# and VB.NET**.
* Good experience in developing Windows Services for running the background processes.
* Good experience in working back end databases using **SQL Server 2014/2008/2005, Oracle 10g/11g, and MS-Access.**
* Expertise in developing Client/Server Applications on various architectural design patterns including **ASP.NET MVC 4.0** with **Razor view engine, Two-Tier & Three Tier & N-Tier Architecture** for Multi users.
* Good experience in web hosting in **AWS** for Dedicated connectivity, identity federation and integrated tools allow to run applications across on-premises and cloud services.
* Advanced experience on **Unit Test Design** and Unit Testing using **NUnit framework.**
* Used **JavaScript** and **Angular.JS** as part of the development tools.
* Extensive experience in using **SQLManagement Studio**, **SQLServer** Business Intelligence Solutions like **SSRS**(**SQL Server Reporting Services**), **SSIS** (**SQL Server Integration Service Package).**
* Good experience in developing Configured and Consumed **Restful Web Services** using Windows Communication foundation (**WCF)** in **C# / VB.NET.**
* Expertise in coding the data access layer of applications using **ADO.NET, LINQ to SQL, ADO.NET** Entity Framework using **LINQ** and **lambda** expressions.
* Expertise in working on databases in creating **Databases, Schemas, Tables, Writing Complex Queries, Stored Procedures, Functions, Triggers, Cursors and Indexers.**
* Experience in designing and developing enterprise applications using **MVC** (Model View Controller) Architecture.
* Experience in using **AJAX** Extensions and **AJAXToolkit** and excellent Debugging and Exception handling skills.
* Experience in creating reports using **SQLServer Reporting Services** (**SSRS**), **RDLC** and **Crystal Reports.**
* Experience in using the third party controls like **Telerik Rad controls**, **jQuery plugins and jQuery UI.**
* Experience in using Visual Source Safe (**VSS**), Tortoise **SVN** and Team Foundation Server (**TFS)** version control systems.
* Good experience in working on with **AGILE, SCRUM** and Waterfall software development methodologies.
* Very good experience in writing test projects for business logic of the application using **Visual studio integrated unit testing framework, N-Unit and Rhino mocks.**
* Excellent team player and possess leadership ability and polished and professional communication and collaborative abilities.

**EDUCATION:**

* Bachelors of technology in Computers Science from Jawaharlal Nehru University Hyderabad, India.

**TECHNICAL SKILLS:**

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| **.Net:** | .Net Framework 4.5/4.0/3.5/3.0/2.0 ASP.NET,VB.Net, VB 6, C#.NET, AJAX Extensions, AJAX Control Toolkit, XML Web Services, ADO.NET, LINQ, WPF, WCF, Silverlight 2/3/4, WEBAPI |
| **IDE:** | Visual Studio.Net 2012/2010/2008/2005/2003 |
| **Application Servers:** | IIS 7.5/7.0/6.0/5.x with .NET Framework, Microsoft Office SharePoint Server 2007 |
| **Web:** | AJAX, JavaScript, HTML, XHTML, DHTML, Flash, XML, XSLT, XAML, CSS, WSDL, Azure, ASP, EXT JS, AngularJS, KendoUI, Jquery |
| **Databases:** | SQL Server 2014/2012/2008/2005/2000, Oracle 9i/10g/11g, MS Access, SQL, T-SQL, PL/SQL, DB2, Sybase. |
| **Design Tools & Methodologies:** | UML, Design Patterns, MS Vision 2000, Rational Rose. |
| **O/S:** | Windows Server 2008, Windows 7/Vista/XP/2003/2000, Unix and Linux |
| **Others:** | SQL Server Integration Services, MS Office, Team Foundation Server, VM Ware, Drive mapping, VSS, Rational ClearCase, SVN, GIT Hub, FACETS, Genesys, IVR, Dynamic Castle Core, Dev Express Controls. |

**PROFESSIONAL EXPERIENCE:**

**Client: Boeing,Seattle, WA July 15 – Till Date**

**Role: Sr. .NET Developer**

**Description:**This project is based on Windows forms based Client application designed to save the data of the aircrafts from different airlines using .Net application for scalability and future expansion. The application is designed to be a backend processor in a higher-level management for visualizing the workflow and productivity reports. This .Net application is delivered via Click Once methodology from Internet browsers to Windows systems solution.

**Responsibilities:**

* Effectively involved in various stages of development of the project starting from the project planning until production and maintenance using agile methodology.
* Designed and developed components in C#.NET using ADO.Net. These classes provide the functionality of the Data Layer and give access to the database developed custom User Controls to reduce the complexity in UI coding.
* Designed the Presentation Tier by using the standard ASP.NET Controls and provided the required functionality by using C#.NET.
* Used the latest WPF/XAML vector based UI framework for the front end and WCF.
* Developed and consumed WCF services to interact with data access layer to access data from the database and expose to multiple application in place.
* Developed Graphical Using Interface (GUI) for various web pages using AJAX, HTML, CSS andKnockout.JS.
* Designed and implemented UI pages for other modules using C# and ASP.NET.
* Coding of UI using ASP.NET and C# for planning and scheduling modules.
* Implement the various services such as the QA Services.
* Used MVC 4.0/5.0 architectural design pattern for development of the application.
* Created various views and partial views in ASP.NET MVC.
* Worked on MVC (Model View Controller) pattern using Knockout.JSand created differentControllers, Views to be used in the project.
* Implemented CRUD functionality with Entity framework, sorting, filtering and paging with entity

Frame work in MVVM.

* Working with MVVM design patterns developed and designed based on requirement andcommands to access the database from view model.
* Migrated VB 6.0 to VB.NET. As the existing modules functionality are developed using VB 6.0.
* Migration of the data from the previous timesheet database in SQL Server database to Oracle 10g.
* Built SSIS packages to transform data to various platforms and developed deployed andmonitored SSIS packages.
* Developed single page applications using Knockout.JS.
* Used ADO.NET objects such as Dataset, Data Adapter, and Data Reader.
* Involved in design and implementing code for business and Data Service using WCF.
* Implemented client-side validations using JavaScript, Angular.JS 1.X, JQuery and AJAX Library.
* Used ASP.NET AJAX controls for Web Application Development.
* Used LINQ to SQL to expose Relational data as objects in application code. Used EntityFramework.
* Developed the Application Tier using C#.NET, WCF.
* Designed Grid using JQuery.
* Used extensively GitHub, NPM, Mobile App Development, Node.js, Apache Cordova for front-end page performance.
* Developed ASP.NET Web Forms using HTML5, Angular.JS 2.0, Ionic framework, React.JS, JavaScript, and CSS3 to control the styleand layout of multiple pages.
* Involved in designing, developing and deploying reports in MS SQL Server environment usingSSRS and SSIS.
* Worked on SQL Server 2008 /2012/2014, SSRS, SSIS in designing Tables, writing complex Stored Procedures, Functions and Views.
* Implemented Oracle 10g/11g Data guard for High Availability. (HA) and maintained stand by database for reporting purposes.
* Created RestfulWebAPI endpoints for the services.
* Implemented Multi-Threading and Asynchronous Web API calls to improve the performance of the application.
* Used Web API REST methodology using HTTP Handlers in developing Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats.
* Used Forms Authentication on ASP.NET web application and Basic Authentication for the Web API’s in place.
* Team Foundation Server (TFS) is used for source control and also used extensively for constantintegration.
* Handled Incompatibility issues between Crystal Reports XI and Excel and between Crystal Reports and PDF.
* Worked on maintaining the existing Crystal reports and worked on modifying them as per the new enhancements.
* Used Microsoft Team Foundation Server (TFS) 2013 as version control system for managing the source code and release builds.
* Strong experience in migrating local web applications to Azure platform.
* Experience in complex, scalable software solutions utilizing MS Azure and worked on Azure cloud computing.
* Experience in Design and Development of GUI (Graphical User Interface) using C# WinForms and Windows Azure (Compute, Tables, Blobs, & Queues).
* Used ADO.NET (for SQL Data Provider) technology for data retrieving, querying, storage andmanipulation.
* Developed complex SQL queries, Stored Procedures and Triggers for getting the transactionsthat occur on a daily/monthly/yearly basis.
* Worked deploying the application on Windows servers 2012 R2 and IIS 7.0.
* Involved in full lifecycle of the project from design, development & Testing

**Environment:**IIS.8.0, ASP.NET4.5, MVC 5.0/4.0/3.0, MVVM, C#, .Net Framework 4.5, 4.0 3.5 3.0 2.0 ,VB.Net 11.0 10.0 9.0 8.0,Visual studio 2015, XML, XSL, XSLT, PHP, JavaScript, GitHub, NPM, Ionic Framework, Node.js, Apache Cordova , React.JS, Angular.js 2.0/1.5, HTML5, jQuery2.0, SQL 2013/2014, Oracle 9i/10g/11g, SSRS,SSIS ,CSS3 ,Bootstrap 3.0, HTML5, Crystal Report.

**Client: HP, El Paso, TX Jan 14 – June 15**

**Role: Sr. .NET Developer**

**Description:**The scope of this project is to create number of dashboards and the reports to help the business users to monitor the performance of their overall sales that deals with all the applications that the NBC Universal is running on. This helped the business users to compare the Last Year Sales with the Current Year Sales and helped them to plan the budget for the future.

**Responsibilities:**

* Responsible for analyzing the BRD and converting to technical document and design and acted as Scrum Master. Application is being developed using Scrum methodology.
* Responsible for designing and developing the Application using ASP.Net MVC 4.5, Razor Syntaxes, Razor view engine.
* Responsible for designing and developing the UI using HTML5, CSS3, Angular.JS, JQuery andJavaScript.
* Responsible for making AJAX Calls for the UI Interactions to the Controller Actions using JQueryand getting the Data back as JSON and parsing it onto the UI.
* Responsible for designing and developing the Business Layer Component using C#.
* Responsible for developing the Data Access Layer (Model) using ADO.Net Entity FrameworkModel, LINQ to Entities, and C#.
* Installed and configured SharePoint Portal Server (SPS) with Windows Server IIS and SQL Serverwith Information Systems Management.
* Used Bootstrap for the creation of responsive user interface designs.
* Designed Graphical User Interface (GUI) using Master Pages, HTML, PHP, JavaScript and CSS classes.
* Developed system services REST/SOAP application platform for use by all web applications utilizing WCF services and the ASP.Net provider model.
* Used Web API REST methodology using HTTP Handlers in developing Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats.
* Responsible for writing the Actions in the Controllers which implement the Business Rules andwhich act as a mediator between UI (View) and Database (Model).
* Extensively used web technologies like ASP.NET, C#, JavaScript, XML, XPATH and HTML , Ionic Framework, Mobile App Development, GitHub, Node.js, Apache Cordova, NPM in designing and developing the web projects.
* Responsible for designing and developing the database objects like Tables, Views, and Complex T-SQL statements, Stored Procedures involving Joins and using Temporary Tables, UDF(User Defined Functions).
* Written the SQL Queries, Stored Procedures, Functions and Triggers in T-SQL, PL-SQL.
* Developed Complex Stored Procedures, Triggers using T-SQL and used accordingly.
* Created and deployed MS SQL Server 2008 enterprise server SSIS packages to pump the data in to the production database using SQL Server 2008 Integration Services,(SSAS,SSRS) These packages run 24/7 and responsible for monitoring the packages.
* Migrated SQL data to the SharePoint lists and synchronized them for the daily updates.
* Worked in SQL database Optimization, and implementing the Performance tuning steps on the data Retrieval Queries.
* Responsible for publishing and consuming the WCF Services.
* Involved in changes to WCF, Web Services, to handle request from POS server and responded back with the required information by getting the information from the Database.
* Worked on C# .NET with the GUI Win forms, started migrating to WPF.
* Used Telerik controls for the UI designing and development.
* Created Stored Procedures, Functions, Views and Triggers in MS-SQL database using T-SQL forregulate and maintain complex data.
* Developed an Azure based high performance compute environment and client side validations were designed using Data Annotations and java script.
* Involved in modifications to the XML requests and response as per the Business Requirements.
* Involved in daily and weekly SCRUM meetings to discuss various aspects of the code related toindividual modules.
* Strong experience in migrating local web applications to Azure platform.
* Experience in complex, scalable software solutions utilizing MS Azure and worked on Azure cloud computing.
* Involved in creating various reports using SSRS.
* Created the Crystal reports using tables and tested the reports by cross checking and verifying data against the reports generated from the legacy system.
* Unit Tests and Integration Tests using .Net Unit Testing Framework and Dependency Injection using Structure Map API. Key Player in Refactoring & Code Review team.
* Tested the code developed to ensure it accurately captured the existing business processes.
* Performed Unit Testing on the modules according to the requirements and development stand.
* Worked on Microsoft Team Foundation Server for version control, individual task status and database.
* Involved in full lifecycle of the project from design, development &Testing

**Environment:**Microsoft Visual Studio.NET 2015, MS SQL Server 2013,SSRS,SSIS,SSAS, ASP.Net , mvc 4.0, VB.NET, .Net framework 4.5 4.0 3.5 3.0 2.0 , WCF, Angular.js 1.5,Teleric, Crystal Reports, Nhibernate, Resharper, Team Foundation Server (TFS) 2012, Bootstrap 3.0, GitHub, NPM, Ionic Framework, Node.js, PHP, Apache Cordova ,HTML5, JQuery-1.8, ORACLE 10g/11g, LINQ, WPF.

**Client: AT&T, Durham, NC. Nov 12 - Dec 13**

**Role: Sr. .NET Developer**

**Description:** This application captures the data flow through various processes across several departments in the company. The project is divided into several modules each automating processes in different departments. Technicians and supervisors in all the departments of the organization use the application for their daily experiments. The application is also used by the higher-level management for visualizing the workflow and productivity reports. This .Net application is delivered via Click Once methodology from Internet browsers to Windows systems.

**Responsibilities:**

* Development was done using agile methodology with daily scrums, paired programming using TDD and continuous integration using the SDLC process.
* Responsible for requirement gathering from the Business Analyst and for preparing the Requirement Specification Document.
* Designed, developed and enhanced the application in .NET Framework 4.0.
* Followed Agile methodologies (scrum, extreme programming) and test driven development.
* Created class diagrams, use case diagrams, activity flow diagrams and object Interaction diagrams using UML Modeling.
* Created rich and interactive UI using WPF.
* Created and Consumed WCF & Web Services.
* Implemented various Validation Controls and also created Custom Validation Controls using JavaScript to perform Client Side Validation.
* Responsible for developing WCF Service to exchange data between Desktop and Central Application and implement business logic.
* Used MVC framework in developing the applications.
* Intensively working with Expression Graphic 3.0 for graphic design, Expression Blend 3.0 for Silverlight and WPF Developing and Visual Studio 2008 for Silverlight backend programming in C# for dynamically generating components in front Silverlight.
* Implemented Page Level Error Handling using Custom Error pages and Error logs.
* Created & hosted WCF Services and used different bindings to make it available to different types of clients.
* Involved in writing Stored Procedures, Views, User Defined Functions and Triggers to retrieve the customer's data from the central database and wrote Triggers for efficient database management.
* Implemented indexing for various tables in the database for improving performance of the application.
* Created various types of reports using SQL Server Reporting Services (SSRS) and deployed on server.
* Strong experience in migrating local web applications to Azure platform.
* Experience in complex, scalable software solutions utilizing MS Azure and worked on Azure cloud computing.
* Used Web API REST methodology using HTTP Handlers in developing Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats.
* Used TFS for all the source code control among the whole team members.
* Automated Unit test cases using N-unit.
* Developed Web Services and test this services using SOAP UI.
* Experience in spanning ASP.NET MVC 4.0, HTML, and Bootstrap.
* Worked with testing team to fix the bugs as part of bug life cycle and Production support.
* Prepared Technical documentations, user manuals, installation and user guides and functional description at each stage of the application to assist the client.

**Environment:**C#.NET 3.5, MS SQL Server 2014, Oracle 11g /DB, .NET Framework 3.5/4.5, Visual Studio 2013, MVC 4.0/3.0, Silverlight 3, ASP.NET , Ajax, HTML, PHP, CSS, XML, JavaScript, JQuery, NPM, Angular.js, Web forms**.**

**Client:McGraw Hill Financials, East Windsor, NJ June 10 - Aug 12**

**Role: Sr. .NET Developer**

**Description:** The project is to develop the online report claim service for the customers. The primary goal of project is make available ‘CDH’ Claim service from intranet to internet and to add more services like reporting claim due to weather, floods and other natural calamities.

**Responsibilities:**

* Developed design documents using Object Oriented Methods & involved in complete life cycle of development using agile methodology, Study Business Requirements, Analysis and converting business requirements into technical specifications.
* The Presentation Layer was implemented in ASP.NET using Web Forms, User Control and Web Controls. Business logic was developed using C#.NET 3.0.
* Actively involved in coding and designing using ASP.NET Master Pages, Themes, Skins, ADO.NET, JavaScript, XML, CSS and Visual Studio.Net 2005.
* Created and reused various User Controls (.ascx files) for front-end Web forms using ASP.NET and C#.
* Created WCF Service to lookup and retrieve the data from database.
* Used Ajax Control Tool kit to run client side script, enhance rich web UI, validation and showing div based Ajax extender.
* Extensively used Dataset, Data Reader and Data Adapter objects to retrieve and manipulate data and display it onto an ASP.NET page.
* Implemented back-end connectivity using ADO.NET.
* Creating applications using VB.NET/VB 6 and enhancing projects for .NET applications.
* Designed, coded and modified applications by implementing knowledge of VB .Net.
* Deep knowledge of Angular.JS, designing WPF Forms, Win Forms, Custom Controls and User Controls using XAML language for UI and Dynamic Web Parts.
* Involved in preparing client side validation forms by using Java Script.
* Involved in Database design and development using triggers, UDFs, views, indexes, T-SQL, PL-SQL in SQL Server 2005.
* Worked with Oracle 10g database to access millions of customer records.
* Implemented a .Net Web services to upload millions of customer records to SQL Server 2005 database from oracle 10g database.
* Implemented AJAX and used Ajax control library toolkit to improve performance and features of application.
* Used Infragistics controls like Ultra Web Grid, Ultra Web Menu to retrieve, display, and manipulate data from the database.
* Worked closely with business partners and system analysis staff to understand desired system requirements.
* Used Forms Based Authentication to enforce security into the application and implemented Role Based security to control user access to portal.

**Environment:** .NET Framework 3.5, C#.NET 3.0, ADO.NET, ASP.NET, VB.NET Visual Studio 2012 .NET 2005, WCF, SQL Server 2012, Oracle 10g, IIS 6.0, AJAX Toolkit, DHTML, MS Access, NUnit, TFS, Windows XP, SSIS.

**Client: Medco Health Network, NJ July 09 - May 10**

**Role: .Net Developer**

**Description:**Project involved creating new pages for personals site to provide users a better and friendly experience with the site using Agile Methodology of software development. Project involves developing product pages for personals providing various features to users along with promoting partners.

**Responsibilities:**

* Involved in the Analysis, Design, and Development of the web application.
* Involved in studying the use-cases to deduce the methods to be implemented in the framework to support the application.
* Performed validations on web forms using JavaScript.
* Used Cascading Style Sheets for a unified look and feel of the application.
* Extensively developed .NET components using VB. Net in the .NET framework 1.1.
* Created various User Controls to handle Header and Footer Navigation.
* Used Data Adapter, Dataset, Data Reader, Command and Connection Objects of ADO.NET to retrieve data from the database and manipulate it.
* Data Grid was used extensively to display the data.
* Written Stored Procedures for report generation and data modification activities.
* Generated Reports using Crystal Reports.
* Performed unit testing, prepared documentation, Debugged and fixed the errors before submitting modules to QA.
* Experience in using the Enterprise library for writing data access and logging blocks.

**Environment:.**NET Framework 3.5,Visual Studio 2010, TFS, C#, ASP.NET, WCF, REST, Ajax, SQL Server 2008,ADO.NET, VB.NET Crystal Reports, SQL Server 2005, Cascading Style Sheet (CSS), JavaScript, Visual Studio .Net 2003, IIS 5.1, Visual Source Safe, Windows XP.