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**PROFESSIONAL SUMMARY**

* 7 years of experience in Design, Development and Implementation of various web/windows applications using **Microsoft .Net** framework.
* Extensive experience in developing, debugging multi-tier applications using different **SDLC** methodologies like **Agile and waterfall**.
* Experience and good understanding of **.Net** framework **4.5/4/3.5/3/2** and developed many applications using **ASP.NET, C#, MVC 4/3, web services, WCF, Web API, HTML,CSS, JavaScript, jQuery, Bootstrap, AngularJS, Angular 2**
* Strong knowledge of working in **N-Layer architecture**, **MVC Design patterns**for all .NET projects.
* Developed front end responsive web application features using **Knockout.js, Bootstrap, jQuery, JavaScript, Kendo UI, AngularJS, Angular2.**
* Experience in doing impact analysis and automated unit testing using **C#.**
* Experience of working with latest concept of **C#** like **Generic Collection, Reflection, Partial Class** etc. and using **Design Patterns**.
* Develop C# application to collect large amount of data from **cosmos** and process it to generate storage report for analysis.‬
* Suggest the feature design and develop the feature using C# and **cosmos.‬**‬‬‬‬‬‬‬
* Extensive experience in analysis, designing developing Web applications using **C , ASP.Net, MVC 4, JQuery, JSON, SignalR, WCF, Web API Restful services** and **Entity Framework** ORM .
* Converted unstructured streams in Cosmos (Raw Data which are in Binary form) to structured stream (readable stream) and performing required aggregation on that Data using scope studio by writing scope scripts.
* Good Hands on experience writing Scope Scripts for Cosmos (Big Data) Azure Services and cloud services.
* Excellent knowledge of **JavaScript, CSS3 and CSS** and **HTML 5/HTML** and their behavior on different browsers.
* Familiarity with modern matrix solver (domain decomposition, multigrid, multi layered sparse solvers, sparse ordering algorithms and data structures
* Extensive experience in **C/C++/ Fortran**for parallel programming computationally intensive scientific algorithms and debugging of parallel code for large scale linear systems
* Developed innovative, computationally intensive, iterative algorithms that involved large dataset for aerospace, health care and thermal applications.
* Good Work Experience in **ArcGIS for Silverlight SDK and Javascript SDK.**
* Experienced in **SQL** for writing Indexes, and Views, Stored Procedures, Cursors, Triggers, Transaction management, **T-SQL**, code optimization and performance Tuning creating tables and Indexes.
* Develop complex **MVC** Controller, View, Models and Helper methods linked to backend database.
* Knowledge on Object Oriented Programming like C++ and Java including thread synchronization multithreading, multi-processing.
* Strong experience in the Analysis, Design, Development and Implementation of web-based applications and distributed applications using **WCF/Web services**/**Web API** with **SOAP and RESTful** services based on Service Oriented Architecture (SOA).
* Specialized in developing Web 2.0 Apps using core **jQuery** along with **AJAX/JavaScript**.
* Experience in developing Windows Presentation Foundation (**WPF**) based applications. Develop prototype as per **UX** design using **WPF, C#, Dev Express controls.**
* Worked extensively in Entity Framework queries, mapping classes, Knockout bindings, Knockout Validations, Telerik controls, kendo controls and Ajax call for API controllers.
* Sound knowledge of **SOA** principles and design patterns. Designed and developed **WCF**with**XML and JSON** web services.
* Good experience on Versioning tools like **VSS** (Visual Source Safe), **TFS** (Team Foundation Server) and **GIT**.
* Hands - on experience in deploying applications to **MS Azure Private Cloud and** Good Experience in TFS Branching and Merging.
* Extensive working knowledge on Configuring and version controlling with Team Foundation Server (TFS), Visual Source safe (VSS).‬
* Good experience in application development and deployment in Windows Azure Platforms using different Roles.
* Good experience on **MS Azure Cloud Architecture (MS Azure Pack (Private Cloud)**, PaaS and IaaS) assessments.
* Converted the web sites to web applications to make **Azure** compatible.
* Involved in deploying desktop applications, web applications, websites and console applications to the **Confidential Azure Cloud**.
* Used AngularJS as the development framework to build a single-page application.
* Extensively involved in analysis, design, coding and testing phases of the application.
* Extensive experience in architecture, design and development of Client-Server and Distributed Web Applications with **ASP.NET** MVC, 3-Tire and N-Tire Architecture.
* Good experience with socket programming for developing client side and Server-side applications.
* Developed and designed client/server programming with TCP/IP.
* Extensively worked on **AJAX**, Object Oriented (OO) **JavaScript,JSON, JSONP, and XML**.
* Created web applications, site collections and sites using SharePoint 2010, Knowledge of SharePoint look-and-feel elements including master pages, themes and page layout.
* Experience in debugged existing web-based applications.
* Utilized the latest front-end Technologies such as **HTML5** and **CSS3** for layouts
* Responsible for the ArcGIS server application development by using ESRI **ArcGIS** Server under Visual Studio .NET platform. Responsible for creating anGeoAdvisor application with ArcGIS Server 9.3.1 to enhance the geocoding accuracy.
* Identified poor performance components and stored procedures and planned and fine-tuned with best search and sorting algorithms as part of enhancements.
* Monitored and managed the **GitHub** accounts and Amazon servers.
* Expertise in SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS) with good knowledge on SQL Server Analysis Services (SSAS). Data integration into MS SQL Server 2012 using SSIS from various sources such as xml, flat-file, excel, other data sources.
* Created mappings to extract data from SQL Server and to migrate and transform data from Text/Access/Excel Spreadsheet using SQL Server Integration Service (SSIS).

**TECHNICAL SKILLS**

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| **Languages & Technologies** | C, C#, .NET 4.6/4.5/4.0/3.5/3.0, ASP.NET 4.0/3.5, VB.Net, ArcGIS10.2.1, AJAX, Web Services, WCF, WPF, ADO.NET, LINQ, Entity Framework, Web API. |
| **Databases** | SQL 2008/2005/2000, PL/SQL, T-SQL, Oracle 11g/10g/9i, MongoDB, Team foundation server 2010. |
| **Web Technologies** | HTML, HTML 5, CSS, CSS3, AJAX, J-Query, JavaScript, Kendo, AngularJS, Angular 2/4, React JS, Redux, Required JS, Signal R Knockout, JSON, XML, XSL |
| **Web Servers** | IIS 5.0/6.0/7.0/8.0. |
| **Web Page Editor** | Visual Studio .NET 2015/ 2013/ 2012 / 2010 / 2008. |
| **Operating Systems** | Windows 7/XP, Windows Server 2012 R2. |
| **Version Control Tools** | VSS, SVN, TFS, GIT. |
| **IDE and Tools** | Microsoft Visual Studio. Net 2015/2012/2010/2008, MS Office, Microsoft Visio 2003, SQL Profiler, SQL Server Agent. |
| **MS Software Packages** | MS Office, Microsoft Visio 2007, SharePoint 2010, MS Excel. |
| **Reporting Tools** | SSRS, SSIS. |
| **Cloud Services** | Windows Azure. |

**EDUCATION**

Bachelor’s in computer science from Jawaharlal Nehru Technological University Kakinada, India.

**PROFESSIONAL EXPERIENCE**

**Client: Nationwide Insurance, Columbus, OH Apr2016- Till date**

**Role: Full Stack .Net Developer**

**Roles and Responsibilities**

* Participated in the entire life cycle of the project including design phase of the project which was designed using **ASP.NET**. Developed front end responsive web application features using Bootstrap, jQuery, JavaScript, **ASP.NET** MVC 5, C# and Visual Studio 2013.
* Used MVC 5, LINQ to develop new functionalities as per user requirements.
* Designed and developed the application using C#, web forms ADO.Net & Entity Framework.
* Implemented MVC design pattern for developing the Web Application and developed an MVC5 application using Razor syntax for view engine
* Familiar with the **GIS** database management spatial analysis procedures GIS demographic analysis procedure cartographic/mapping procedures Linear Referencing Systems data management methods and proficiency with Python scripting
* Integrated **ArcGIS** Web Map service with Silverlight application using ARCGIS Server and display map service to our application.
* Developed complex MVC Controller, View, Models and Helper methods linked to backend database.
* Using AJAX in different ways to avoid full page post-back and make the application more users interactive.
* Implementation of client-side validations using jQuery and **ASP.NET** MVC Validation implemented at Controller level. Used jQuery for client-side validation and operations like hide/show, manipulate data to avoid server-side post back.
* Applied Layouts, Bootstrap, and CSS for a consistent look and feel for Page design.
* Designing UI with Telerik controls Kendo UI, ASP.Net Web forms, ASP.Net MVC, HTML, CSS and Bootstrap.
* Implementing client-side actions, Object oriented principles using JavaScript, jQuery.
* Developed web application using ASP.Net. Developed Web API to send and receive data from Client side.
* Creating/Modifying business &data access classes using C#, LINQ, ADO.Net, Entity Framework.
* Involved in the estimates, development and maintenance for various modules in DMS, COPS & Portal (Web application).
* Worked on Altering and repairing Angular 4 UI functionality to fit design pattern standards.
* Applied Angular 2 filters (date, lowercase, uppercase, currency, order by, etc.), Angular-animate, Angular-Mocks and multiple Angular JS directives (ng-repeat, ng-show, ng-hide, ng-if, ng-disable, etc.) to control how the data to be shown in the views.
* Improved the front-end performance with the use of two-way binding in Angular 2.
* Implemented views, common shared views for user interface using Angular 2 and JSON.
* Assist with builds, verification, and issue resolution and performs code deployments into production and non-production environments - exposure to Continuous **Integration process**.
* Designed and developed complex stored procedures, functions and views using **SQL** Server DDL/DML Scripts.
* Experience in planning and executing the application migration to a cloud environment based on Windows **AzurePack**.
* Re designed and developed the common modules with best time complexity algorithms to speed up the **ADO.NET** based scheduled jobs running across multiple countries with different databases.
* Being part of performance improvement engineering team streamlined the sorting and searching algorithms to process large scale data coming from various countries in CSV files.
* Implement functionality such as Searching, Filtering, Sorting, Categories, Validating using AngularJS 2 framework.
* Involved in writing design technical documents using use cases, class diagrams and sequence diagrams.
* Assisted in the development of WCF RESTful web services using Entity Framework as the data access layer to **SQL** Server. Wrote optimized **SQL** queries to access source data from RDBMS and provided reports according to the requirements.
* To involve in web testing white box and regression testing on all popular browsers

**Environment:**  MVC 5, C#, ASP.NET, SQL Server 2012, ArcGIS10.2.1, LINQ, Arc GIS, HTML, Cosmos, CSS, Angular Js, Angular 2, MS Visual Studio 2012, jQuery, Entity Framework, Team foundation server 2010,Bootstrap, Kendo.

**Client: Marathon Petroleum, Findlay, OH Sep 2015- Mar 2016**

**Role: Full Stack .Net Developer**

**Roles and Responsibilities**

* Participated in the entire life cycle of the project including design phase of the project which was designed using ASP.NET. Developed the web pages using **ASP.NET**, HTML, and CSS for styling the Web pages.
* Used Ajax user controls to minimize server round trip and enhance customer experience.
* Designed Frontend with in object-oriented JavaScript Framework like Backbone.JS, Angular.JS and Ext.JS.
* Developing new UI for an enterprise-level device management application using AngularJS, Node.js, Less and a variety of other tools and libraries.
* Created SSIS Packages using SSIS Designer for export heterogeneous data from OLE DB Source (Oracle), Excel Spreadsheet to**SQL** Server 2008.
* Wrote a Web Service for ArcGIS Desktop/Server tool with AGS SOAP API for parcel data linking’s and aerial image snapshots.‬
* Involved in requirement gathering functional and technical specifications. Worked closely with business team to understand the requirements through on-site discussions and conference calls with the users.
* Developed ADO.NET Entity Framework to use relational data with a data service by defining a data model that maps to relational data.
* Designed and Developed web solutions for large user base using ASP.NET, AngularJS, HTML 5, CSS, JQuery.
* Involved in Development of components based on Business requirement following strict technical and design principle using Asp.Net, HTML 5, C#, JQuery, AngularJS, and WCF Services etc.
* Used Agile Methodology for project which involved daily Scrums and Sprints
* Created MVC razor views to design HTML based multiple pages of the Application.
* Used WCF SOAP and WCF rest service in developing and deploying on windows in line with the Service-Oriented architecture (SOA).
* Expertise in creating Views, Partial Views, Strongly Typed Views, Sections, and Areas etc. in ASP.NET MVC.
* Used MVC 3 for re-using the individual user controls by not coupling them with underlying data elements
* Effectively used jQuery a concise JavaScript Library for traversing HTML document, event handling and AJAX interactions.
* Responsible for making AJAX Calls for the UI Interactions to the Controller Actions using jQuery and getting the Data back and parsing it onto the UI.
* Used data controls like JQ Grid, jQuery AJAX, Data List, Data caching, Data Binding and Repeater controls throughout the application to display data in a customized format in the ASP.NET 3.5 web pages.
* Implemented ORM Framework Entity Framework Code First Approach with Repository Pattern and its implementation over the Business and Presentation layers.
* Created WCF SOAP/REST Services and used different bindings to make it available to different types of clients.
* Experienced in using JSON objects to communicate between AJAX request and response, pass as the parameters to the JavaScript functions.
* Built dynamic web view applications using jQuery, Used Bootstrap CSS for front end design.
* Involved in the unit testing of all modules and closely interacted with the QA team.
* Responsible to fix bugs, for maintaining application and production support.

**Environment:** C#.NET, Visual Studio 2012, ASP.NET, ADO.NET, Entity Framework, LINQ, WCF, SQL Server 2012, JavaScript/ jQuery, MVC, CSS and XML, AJAX, JSON, MVC, Team foundation server 2010, Angular.JS, LINQ, Oracle 10g, .NET Framework, SSIS, Cosmos,Windows server

**Client: E Gate Solutions, Chicago, IL Jan 2013 – July 2015**

**Role: .Net Developer**

**Roles and Responsibilities**

* Designed business rules as per customer's requirement.
* Involved in Design of the application & core development of the application.
* Designed, developed and enhanced the application in .NET Framework 4.0
* Involved in designing the application architecture using Microsoft design patterns, C#, ASP.NET.MVC, JQUERY, C#. NET and Web User Controls using Test Driven Development (TDD)
* Create data access layer using Enterprise library and C# objects.
* Experience on creating web pages using ASP.NET, C#, Java Script, CSS and skins.
* Worked with business analysts, project managers, project lead and other developer to help design, develop technical design, specs, and coding as part of SDLC.
* Used SharePoint web application for the content management.
* Used SCRUM methodology of Agile Software development and TDD in different modules.
* Developed web interface C#, JQuery, JavaScript and HTML.
* Used MVC 4Design Pattern for ASP.Net application development.
* Used AJAX Library, CSS, JavaScript and various web controls to present data to users in a much comfortable environment.
* Used Web API to create a RESTful Web Services in MVC.NET, which can send messages using XML and JSON.
* Used Ajax tool kit, Multi views, regular expressions, regular expression validates, user search controls
* Developed multiple web services for feeding data to multiple applications using Windows Communication Foundation (WCF)
* Developed the independent WCF /WCF REST services and defined Service Contracts for specific functionality in search module.
* Used LINQ for querying data from the databases and Object collections.
* Used Entity Framework 6, LINQ and Model-First approach for the PL/SQL database.
* Wrote stored procedures, stored functions and created tables, views, triggers and sequences using Oracle 11g database.
* Involved in creating various SQL Queries, Stored Procedures, Views and Triggers with SQL server 2008.
* Involved in development of data access, business and application layer using LINQ, C# and Asp.Net.
* Used ADO.NET objects such as Data Reader, SQL Command, and Data Table to read and write data.
* Integrated SSRS reports in asp.net web pages for more usability.
* Involved in Unit testing for quality assurance purpose.
* Responsible for maintaining versions of source code using Team Foundation Server.
* **Environment:** Visual Studio 2012, Asp.Net 3.5, MVC3, C#, LINQ, ADO.NET, JavaScript, CSS, AJAX, JQuery, HTML, Web Services, WCF, REST, XML, XSLT, SQL Server2008, Entity Framework, SSRS, SSIS, TFS, IIS

**Infosys – Hyderabad, INDIA Jun 2010– Dec 2012**

**Jr .Net Developer**

**Roles and Responsibilities**

* Designed and developed ASP pages.
* Involved in Application Design, Coding, Testing and Trouble shooting.
* Designed Web forms using ASP.NET.
* Designed a working prototype model of the application using HTML, ASP.NET and CSS. Used C# and JavaScript for User Interface Development.
* Involved in designing and Development of SOAP services using Web Services/ WCF.
* Worked and implemented Service contract, Data contract and configured the Endpoints using WCF.
* Written complex stored procedures and Triggers using T-SQL for handling the database for business functionalities.
* Used TFS (Team Foundation Server) as version control manager.
* Used MVC Design Pattern to develop classes to having clear separation of responsibilities of all the supported client actions.
* Involved in the production support after application is released and handled the Change Requests raised by the end users.

**Environment:** Visual Studio, C#.NET, ASP.NET 2.0, IIS, ADO.NET, SQL Server, WEB SERVICES, WCF, T-SQL, TFS, OOPS, HTML, MVC, CSS, and MSOffice.