**Tanuja N**

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**Sr. Software Developer**

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| **Professional Summary:** |

* An accomplished .NET developer with **6+** years of Experience in design and development of web applications using .Net Technologies C#.NET, Asp.Net, jQuery, web controls, XML, AJAX.
* Expertise in Object oriented programming Systems (OOPS) concepts, development of Web Servicesand **Windows Services** using the .**NET Framework (C# and VB.NET**).
* Strong expertise in .NET Framework 4.5/4.0/3.5/3.0, C#, ASP.NET, ADO.NET, VB .NET, WebServices, WPF, WCF, HTML5, XML, CSS3, VB Script, Java Script, Angular JS, Angular 2/4,Bootstrap4, AJAX.
* Experienced in implementing **SOLID** principles in Object Oriented Programming.
* Proficient in **ASP.NET MVC, ASP.NET Web Form**, **C#**, **.NET framework**, **CSS3**, **JavaScript**, **jQuery**, **ASP.NET Web Services, Microsoft SQL Server**, **ADO.NET, Entity Framework**.
* Developed **Entity Framework 6.0/4.3** and made LINQ queries to connect to the database and implemented CRUD functionality with Entity Framework Code First and Database First approaches with **ASP.NET MVC 5.0/4.0**
* Worked on client-side technologies **JavaScript**, **Angular** 1.x/2.0/4.0**, jQuery**, **J****son**,**Xml**.
* Maintained and enhanced existing web applications and all integrated systems utilizing C#, **ASP.NETRazor View Engine, JavaScript, JSON, AJAX and jQuery**.
* Extensive understanding in creating and managing View Models, Controllers, Views, Partial Views and Action Filters using **ASP.NET MVC**.
* Excellent Experience with develop, design, deploy Web service, WCF, Web API cross domain environment and ASP.NET technologies including **Entity Framework 6/5/4, ADO.NET and LINQ**.
* Experience in developing reports using Crystal Reports, MS Access reports, and SQL Server Reporting Services (**SSRS**).
* Experience in Active Directory Federation Services (AD FS)
* Experience in configuring and deploying **SSRS** reports onto Microsoft Office SharePoint Server.
* Performed layout of web pages using **HTML5, CSS3**, JavaScript libraries, **SASS** Compass.
* Experience using **Visual Studio** SDK to extend Visual Studio functionality.
* Expertise in Database Design and Database Programming (Stored procedures, Triggers, SQL) using **SQL Server**.
* Accessing **SQL Server 2008** from window cloud and Responsible for development cycle including high-level design, data design, coding, testing, and creation of functional documentation.
* Experience on **Azure** PaaS Solutions like Azure Web Apps, Web Roles, Worker Roles, Sql Azure and Azure Storage.
* Expert to Implement deploy and configure Azure websites, configure diagnostics, monitoring and analytics on Azure.
* Excellent knowledge in understanding and using Oracle 11g, SQL and PL/SQL queries, Stored Procedures, Triggers, Functions, Views and Database Design.
* Used Agile practices and Test-DrivenDevelopment (**TDD**) techniques to provide reliable, working software early and often.
* Extensive experience of building test automation using C#, **PowerShell**, and UI automation using CodedUI Test.
* Involved in Defect Management using **JIRA, Bugzilla/ Mantis**.
* Worked with source version control tool **Git** to manage the code repository.
* Excellent communication and interpersonal skills with ability to interact with individuals at all levels and can work as a part of a team as well as independently.

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| **Technical Skills:** |

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| **Operating Systems** | Windows 8, Windows 2000/XP/Vista/7,Mac OS X. |
| **Databases** | SQL Server 2005/2008/2010/2012,2014,2015, oracle 8i/9i/10g/11g, MYSQL, NOSQL. |
| **Programming Languages** | C, C#,.NET 3.0/3.5/4.0/4.5,VB.NET and Visual Basic 6.0. |
| **Web technologies** | ASP.NET,MVC5.0/4.0/3.0,ADO.NET, Visual studio.NET 2.0/3.0/3.5/4/4.5,WebServices,SOAP,Microsoft Azure, REST, Kendo UI,HTML5,CSS3,HTTP,Java Script, Ajax, JSON, jQuery, Angular 1.x/2/4, MS IIS 5.0/5.1/6.0/7.0/7.5. |
| **.Net Frameworks** | Entity Framework 6.x/4.3. |
| **Reporting Tools** | Crystal Reports, Data Reports and Actuate SSRS 2005/2008,2012,2014 SSIS 2005/2008,2012,2014. |
| **XML Technologies** | XML, XSL, XSLT, HTML, WSDL, SOAP. |
| **Database Tools:** | SQL Server, Query Analyzer. |
| **Source Control:** | Team Foundation Server (TFS) 2010/2008 Visual Source Safe 6.0/8.0, TFS, Subversion, Microsoft Visio, Fiddler. |
| **Server-side technologies** | Node JS, express JS,React JS. |

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| **Education:** |

* Bachelor of Technology in Computer Science and Engineering.
* Master’s in Computer Sciences.

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| **Professional Experience:** |

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| **Client: Multiplan Chicago, IL Dec 2016– Present**  **Role: .Net Developer** |

**Responsibilities:**

* Expertise in Web and Windows applications development using **MS.NET** Technologies including Visual C#.NET, ASP.NET, Visual Basic.NET, ADO.NET, .NET MVC5.0, WEB API, Entity Framework, Server Controls, Win Forms, and Web Forms.
* Web application was developed using **C# .NET**, **Angular 2.0/4.0**, **MVC 5**, **Web API, jQuery**, **HTML5**, **CSS3**, **Bootstrap** and **GIT** as a source control.
* Converted **.Net application** to **Microsoft Azure** Cloud Service Project as part of cloud deployment.
* Used **Angular 2** and **Node.JS** to structure JavaScript code in an MVC (Model, View, and Controller).
* Developed single page applications using **Angular 4**, Typescript, HTML5, CSS3, and Bootstrap 4.
* Good knowledge on creating services with **Angular 4** @injectable property, as to make the service available for dependency injection when creating components.
* Updated dashboard front end to support multiple dashboards and their CRUD operations using Typescript with **Angular 2**.
* Worked with the development team, involved in creating MVW (Web API) to implement **Angular 2**framework for client-side rendering to optimize the front-end.
* Work experience in Azure App & Cloud Services, PaaS, Azure Data Factory, Azure SQL Data Warehouse, Power BI, Azure Blob Storage, Web API, VM creation, ARM Templates, PowerShell scripts, IaaS, Lift & Shift, storage, network and database.
* Worked on Server less services (Azure Functions) created and configured HTTP Triggers in the Azure Functions with Application insights for monitoring and performing load testing on the Application s using the VSTS.
* Migrated the Azure CXP Tools to HTTPS based authentication using SSL encryption.
* Created a restful webservice using ASP.NETWeb API to provide resources for a mobile application.
* Involved in reviewing existing application for enhancements and bug fixing and developed Proof of concepts using MVC5, jQuery, Json, Ajax, JavaScript and HTML5, CSS3.
* Worked on Web Services such as **SOAP** (Simple Object Access Protocol), **RestFul**and **AJAX.**
* Used the **ADO.NET** data binding controls line Grid View in order to bind the data to the control and display the retrieved data.
* Ability to write & debug Shell Scripts using ksh & bash. Hands-on experience in solving day-to-day operational issues
* Experience in working with Language Integrated Query (**LINQ**) especially LINQ to object and LINQ to SQL.
* Good understanding of **SOLID** principles and Design Patterns.
* Developed web forms using **HTML Razor engine, HTML helper, CSS, XMLand bootstrap** to make the UI controls look unique.
* Used AGILE SCRUM development Methodology to ensure teamwork, collaboration and process adaptability throughout the life-cycle of the project.
* Implemented solutions relying on Service Oriented Architecture (**SOA**), using, **SOAP** and **WSDL**.
* Responsible for developing the reusable Components on UI(Views) by developing the Partial Views, View starts, and reusable components for implementing the business rules with **C#** and **OOPS** Concepts.
* Responsible for the deployment and maintenance of Microsoft Active Directory, Security, and Group Policy for various clients
* Published Web services using **C#.NET** to interact with the other applications and exposed them using SOAP and HTTP.
* Created various Stored Procedures and Triggers using SQL Server 2012/T-SQL, Created Indexes, Joins on key fields for fast retrieval and Database optimization.
* Experience of Integration Services (SSIS), Analysis Services (SSAS) and Reporting Services (SSRS).
* Expertise in SQL Server Reporting Services (**SSRS**) in generating complex reports in cascaded reports, parameterized reports and Ad Hoc reports.
* Migrated **SQL Server 2008** database to **Windows Azure** SQL Database and updating the Connection Strings based on this.
* Involved in designing, developing, debugging and testing of reports in SQL Server Reporting Services (SSRS).
* Used Bitbucket extensively as a subversion client to manage the source code and JIRA for tracking the issues by maintain the sprint activities Used GIT for source version control.
* Expertise in **Test-driven development (TDD)** methodology using **NUnit** Testing.

**Environment**: ASP.NET, C#.NET, ADO.NET, .Net 4.5, MVC 5.0,HTML5, CSS3, HTTP, bootstrap 4, JavaScript, Angular2/4, Visual Studio 2015, SQL Server 2010/2012, JSON, AJAX, jQuery, SSRS, Azure.

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| **Client: Beacon Health Option, Reston, VA Feb 2014 – Apr 2016**  **Role: Full Stack Developer** |

**Responsibilities:**

* Involved in **Software development life cycle** (**SDLC**) of application from design phase to implementation phase, testing, Deployment and maintenance phase.
* Created different business classes and interfaces using .Net Framework 4.0 with **Object Oriented Programming Methodology**.
* Designed the application using HTML, **AngularJS**, JQLite, CSS, UI-Grid, Bootstrap, CSS, Web-API, ng-route and responsive web-design that supports mobile environment.
* Used **.Net Framework** class library to build user interface that separated application logic from presentation code using code behind pages.
* Developed web pages using **ASP.NET** as business logic with client-side validations using JavaScript.
* Extensively worked with Action Results, Action Filters and Custom Action Filters and Routing.
* Worked with **Partial Pages**, **Layouts**, Sections to design the **CSHTML** pages with Razor View Engine to get consistent look and feel.
* Extensively used Java script/ jQuery/Angular JS for UI controls and validations.
* Implemented **AngularJS** client-side form validation to validate the use inputs before passing to back-end.
* Used **ASP.NET** MVC 4system to help the utilization of Dependency Injection to infuse objects into a class, rather than depending on the class to create an object itself.
* Used **Vb.Net** for existing web applications and resolved few ASPX pages.
* Developed and tested user-friendly navigators by utilizing JavaScript and **VB.NET**.
* Wrote application level code to interact with the Controller Actions and Consuming Web Services using **JQUERY AJAX and JSON.**
* Used **jQuery** to make it easier to navigate a document, select DOM elements, create animations, handle events, and develop Ajax applications.
* Experience in handling queries with **LINQ** components and writing queries against ORM objects using LINQ to Entities and LINQ to SQL.
* Established communication between different applications running on same/different platforms using **WCF**.
* Developing application using the software design paradigms and **SOLID** principles.
* Implementation of client-side validations using jQuery and **ASP.NET MVC 4** Validation implemented at Controller level using Data Annotations.
* Used **T-SQL** Statements for writing queries using **Views, Stored Procedures, Triggers, Cursors** and User Defined Functions in **SQL Server 2008** for inserting/Updating/Deleting the data into the relational tables.
* Developed Windows services to store SQL Server data in to Cloud base data warehousing by using **Microsoft Azure** and Amazon Web Services (AWS) RedShift.
* Built a prototype Azure application that access 3rd party data services via Web Services. The solution dynamically scales, automatically adding/removing cloud-based compute, storage and network resources based upon changing workloads.
* Created various technical documentation, Business requirement gathering, and analyzed data, developed and built **SSIS** Packages and **SSRS** reports.
* Worked on Microsoft Team Foundation Server for version control, individual task status and Database server project.
* Used **Test Driven Development** for testing the web services.
* Good Understanding on protocols like OSPF, EIGRP, TCP/IP, FTP, SMTP, Telnet, HTTP, ARP, ICA
* Responsible for maintaining versions of source code using Team Foundation Server 2010.Created Html Helpers in order to reduce the amount of tedious typing of **HTML** tags.

**Environment:** NET Framework 4.5, ASP.NET 4, Visualstudio 2010/2012, Mongo DB,VSTS, SQL Server 2008/2010, JavaScript, jQuery, LINQ, Angular Js, XML, HTML 5, CSS, HTTP, TFS, Web API, SOAP, C# .Net 3.5,SSRS.

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| **Client: Fujifilm Medical Systems, NC Oct 2012 – Dec 2013**  **Role: .Net Developer** |

**Responsibilities:**

* Involved in Software development life cycle **(SDLC)** of application from design phase to implementation phase, testing, Deployment and maintenance phase.
* Designed dynamic and browser compatible webpage using web design techniques **ASP.NET**Master Pages, User Controls, HTML, CSS, and jQuery.
* Designed the application using HTML, AngularJS, CSS, UI-Grid, Bootstrap, Web-API, ng-route and responsive web-design that supports mobile environment.
* Good knowledge and understanding of object- oriented programming **OOP**principles.
* Created different business classes and interfaces using .Net Framework with **Object Oriented Programming Methodology**.
* **Created ASP.NET validation controls and java script validations to enforce validations.**
* Worked with the development team, involved in creating MVW (Web API) to implement **AngularJS** framework for client-side rendering to optimize the front-end.
* Expertise in creating Views, Partial Views, Strongly Typed Views, Sections, and Areas etc. in ASP.NET with C.
* Utilized **ADO.Net** Entity Framework Database First technology extensively for data retrieving, querying, storage and manipulation using **LINQ** to Entities.
* Transferred data from various sources like MS Excel, MS Access, and SQL Server using SSIS and then created reports using this data using SSRS.
* CreatedSOAP/REST Servicesandalso used different bindings to make it available to different types of clients.
* Gathered requirements to identify and create database objects such as tables, views, triggers and indexes.
* Used Team foundation Server **(TFS)** for version control and Shelve pending changes of the source code along with the maintenance of the builds and the relevant documents of the same.
* Assisted in production OLAP cubes, wrote queries to produce reports using SQL Server Analysis Services (**SSAS**) and Reporting service (**SSRS**).
* Implemented Azure Storage, Azure SQL, Azure Services, Azure Event Hubs and developing Azure Web role.
* Migrated SQL Server 2008 database to Windows Azure SQL Database and updating the Connection Strings based on this.
* Analyzed the requirements, Design and Developed the Web Forms by using Web Controls and Custom Controls for .NET application.
* involved in the Code Review Process and testing the application using NUnit.
* Performed End-to-End Testing, troubleshooting, debugging, regression testing and performance testing and analyzed the results to justify validation.
* Performed source code maintenance using Microsoft team foundation.

**Environment:**.NET FRAMEWORK, C# ASP.Net, AJAX, jQuery, HTML, CSS, LINQ, ASP.NET 4.0/3.5, ADO.NET, Visual Studio 2010, SQL SERVER, TFS,IIS Web Services, SSRS.

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| **Client: Votary Softech Solutions, INDIA Oct 2011 – Sep2012**  **Role: Jr.Net Developer** |

**Responsibilities:**

* Implemented wire frames/ prototype using HTML,DHTML, JavaScript to represent the Web application developed using C# .NET, Web API, jQuery, HTML, Bootstrap and GIT as a source control.
* Developed the web pages using ASP.NET, HTML, and CSS for styling the Web pages.
* Developed ASP.NET MVC modules to display backend data on the web browser using ADO.NET.
* Developing application using the software design paradigms and SOLID principles.
* Developed **front-end** page and development using **ASP.NET**, **HTML, AJAX**, User Controls and Web Forms with **C#** using **N-tier** architecture.
* Worked closely with clients in gathering and analyzing requirements and providing solutions that meet the client's requirements.
* Developed custom web application module with ASP.NET, MVC and C # and integrated with the portal sites.
* Used **SQL queries, Store Procedures, Joins, Triggers** to process large collection of products and used Data Reader, Data Adapter, SQL command and Dataset for retrieving for management.
* Extracted large volumes of data from various data sources and loaded the data into target data sources by performing different kinds of transformations using **SQL Server Integration services (SSIS)**.
* Created the database and developed the scripts for inserting the master data required for the application, scripts for the application, scripts for clean up the data.
* Involved in Unit testing, bug fixing, Functionality testing, Integration testing and User acceptance testing.
* Worked on Microsoft Team Foundation Server for version control, Database server project and individual task status.

**Environment:** Visual Studio 2008/2010, ASP.NET, c#,.NET FrameWork, HTML, CSS, SSRS, SSIS, SQL Server 2008.