**Venkata Sairam M**

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**404-445-1734**

**Sr.Net Developer**

**SUMMARY:**

* Professional Experience around **9 years** of IT experience in evaluation, design, development, testing, maintenance and production support using SDLC process and methodologies. Strong skills and experience in **Object-Oriented Programming** using the **.NET framework**.
* Experience in Microsoft .NET Technologies, **.NET Framework 5.0/4.5/4.0/3.5**, C#, VB, ASP.NET 5.0/4.5/4.0/3.5, ADO.Net, ADO.Net Entity Framework, SharePoint 2007/2010/2013.
* Experience in implementing Object Oriented Analysis & Design (**OOAD**) Concepts.
* Expertise in developing web and windows applications using **WCF, WPF,** ADO.NET, ASP.NET MVC4/MVC3, C#, VB.NET, Web API, AJAX, JQuery, JavaScript, AngularJS, Bootstrap, UI Bootstrap, Oracle 9i/10g, SQL Server 2005/2008/2012.
* Expertise in Developing, Publishing & Consuming **REST & SOAP** Services using Windows Communication Foundation (WCF).
* Experience with designing and development of applications using **MVC5/MVC4/MVC3**, MVVM, Singleton and Factory design patterns.
* Expert in consuming and publishing Windows Communication Foundation (WCF) services and in defining Service, Operation, Data, and Fault Contracts.
* Expertise in developing applications to access data (Data Access Layers) and data services using ADO.NET and ADO.Net Entity Framework.
* Expertise in designing and developing the Class Libraries for encapsulating the reusable functionalities like creating the Library for Data Access Layer, and implementing lots of reusable business rules.
* Experience in designing and developing web pages using ASP.NET, **AngularJS 1.5/1.4**, visual C#, JavaScript, JQuery, Cascading Style Sheet (CSS & CSS3), HTML & HTML5, AJAX controls.
* Experience on creating Restful services using ASP.Net Web API and Windows Communication Foundation (WCF) Services to communicate with client applications using various secured and efficient transport protocols.
* Experience in creating packages to import data from various file formats like Flat File and CSV files into database using SQL Server Integrated Services (SSIS).
* Experience building/managing Web Apps using ASP.NET Web Forms, MVC (Razor/ASPX engine).
* Experience in SSIS, SSAS, SSRS and LINQ.
* Experienced in designing and developing web pages using basic HTML5, ASP.Net Server Controls, User Controls, Third party controls, JavaScript, JQuery and CSS3 Styles.
* Expertise in using XML/JSON and AJAX to link with back-end applications and working knowledge of Web protocols and standards (HTTP HTML/XHTML/XHTML- MP, web forms).
* Experience in securing web applications using ASP.NET authentication and authorization mechanisms.
* Experience in using **Visual Studio** .NET platform (C#, ASP.NET, ADO.Net), through knowledge of the architecture and the framework.
* Extensive use of Data grids, Data Reader and Datasets for data manipulation.
* Proficient in **Tuning T-SQL queries** to improve the database performance and availability.
* Converted ASP.NET web services to WCF service which are consumed by InfoPath forms in SharePoint 2013/2010.
* Experience in integration of WCF Services with Share point which includes creating, deploying and consuming the services as functionality.
* Experience on configuration of applications on IIS 6.0/7.0/7.5.
* Experience in creating complex Stored procedures, packages, Views, Triggers, Functions, using MS SQL, PL/SQL and Performance Tuning in SQL Server and Oracle9i/10g/11g.
* Experience in XML and related technologies like XSL and XAML.
* Experience in using front-end technologies like HTML5, CSS3, **JavaScript, and JQuery**.
* Hands on Experience in development of applications for hosting in Microsoft Azure.
* Have interacted with database using Entity Framework.
* Experience in handling **SQL Server** data tables to the WSS custom list.
* Expertise in developing and deploying custom Web parts, Workflows, Features, Site Content Types, Lists and Libraries, style sheets and site definitions using WSS SharePoint Object Model and Visual Studio on multiple web applications.
* Experience in consuming the web Restful APIs using Angular JS Http Providers and jQuery Ajax calls.
* Experience on Design patterns like Model-View-Controller (MVC), Model-View-View Model (MVVM)
* Synchronized SQL data with the respective List items on the SharePoint server for daily updates.
* Implemented Multithreading Concepts to improve the application Performance.
* Dedicated self-motivated achiever committed to success and adept at prioritizing multiple tasks in high-pressured environments with excellent communication, interpersonal skills.

**Educational Qualifications**

* Bachelor’s in Information Technology

**Certification:**

* Microsoft Certified Professional ASP.NET with MVC

**TECHNICAL SKILLS:**

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| --- | --- |
| Languages | C#.NET, C, C++, Java Script. |
| Web & Scripting Technologies | ASP.NET4.5/4.0/3.5, JavaScript, HTML, **AngularJS**, DHTML, Microsoft Azure, MVC 5, ADO.NET, Win forms, AJAX, JQUERY, Bootstrap, XML, XSL, WML, CSS3, Web Services, WCF, LINQ, SOAP, WPF, WWF, VBScript, SharePoint 2013/2010. |
| Web Servers | Microsoft IIS 8.0/7.0/6.0. |
| Version Controls | Visual SourceSafe (VSS), SVN, TFS, GitHub. |
| RDBMS | MS-SQL Server 2012/2008R2/2008/2005, T-SQL, Oracle9i/10g, MS Access. |
| IDE | Visual Studio 2015/2012/2010/2008/2005. |
| Design Patterns | UML and MVC Architecture. |
| Methodologies | Agile scrum and Waterfall. |
| Protocols | SOAP, TCP/IP, HTTP, UDP/IP and FTP. |
| Operating Systems | Windows 2012R2/2012/2008/2007/2003, Server/XP, MS Windows Server 2008, UNIX, MS DOS. |

**PROFESSIONAL EXPERIENCE:**

**Client: Technomic Ignite, Downtown Chicago, IL Nov 2017 - Till Date**

**Full Stack Developer**

**Responsibilities:**

* Involved in Daily Scrums and Weekly Meetings with the project Sponsors to meet deadline and expectations following Agile Methodology.
* Involved in understanding user requirements, designing and developing web application and back end applications.
* Designed and developed web site and intranet applications using Visual Studio 2017, .Net CORE 1.0, 2.0 Framework to implement Business Logic, ASP.NET Core, MVC 4/5 Razor, Web API, C#.NET, AJAX, JSON and CSS with object-oriented programming techniques.
* Creating the indexes and search service using Azure search functionality.
* Good experience in working with Azure SQL indexer, Azure SQL Database, Azure Blob storage, Azure table Storage and deployment with Azure.
* Developed localization APs which stores the translated data in Azure and SQL tables.
* Coded business logic and database logic using Entity Framework 6 and Repository Pattern. Used Entity Framework Code first approach and LINQ to entity for data access.
* Created a controller and its endpoints using Web API methodology of different HTTP verbs in developing Web services.
* Created RESTFUL services using Web API, built HTTP services and formatted responses using web API media type formatter to JSON.
* Developed a highly interactive graphical ASP.NET core web-based application using HTML, CSS, jQuery and Bootstrap, Razor template engine.
* Created user friendly and reusable UI components using HTML, CSS, JavaScript, jQuery, jQuery and Ajax. Developed HTML Helper classes in MVC for reusability.
* Designed and Developing MS SQL Server Databases and debugging and writing Stored Procedures. Maintenance and Planning of SQL Jobs, performance Tuning, Query Optimization.
* Applied critical thinking and problem-solving skills through testing and solving the bugs accordingly.

**Environment: C#, HTML 5, CSS 3, MVC 4, ASP.NET Core, JS, JSON, Visual Studio 2017, Web API, JavaScript, jQuery, Bootstrap, TFS, Agile, WCF, WPF, SQL Server 2017, Windows 10.**

**Client: Anixter, Glenview, IL Feb 2016 –Nov-2017**

**Full Stack Developer**

**Responsibilities:**

* Involved in full life cycle of the project from requirements gathering, analyzing, designing, and developing the application using Iterative AGILE Methodology.
* Worked closely with the client team to design and develop the application according to client requirement using ASP.NET with the business logic implemented using C#.
* Wrote backend code using C# 5.0, hands on experience in creating services with Web API for removal, adding and saving.
* Designed and developed an application using Model View Controller (MVC) application framework.
* Experience working with Team Foundation Server.
* Used ASP.NET MVC Page Controller pattern to add functionality to individual pages such as to accept input from the page request, invoke the requested actions on the controller.
* Created complex Web forms, Win forms, presentation layer and various server controls using WCF, WPF, ASP.NET and C#.
* Working on creating Rest Services using ASP.NET Web API and C#, Razor template engine.
* Worked with Web API to provide services to HTTP requests.
* Co-ordinate with UX team to help them in designing the page.
* Used AngularJS, which communicated with a RESTful web service.
* Developed Data Access Layer Using Entity Framework using Repository, Aggregator and Façade Patterns to access data from Azure (SQL and File) storage, also used API calls to enterprise API to get data in case of enterprise data.
* Used C#.NET to develop Code for Business and Repository Layer.
* Participated in various client meetings with the team to discuss improvements options during the development of the application.
* Maintained and designed databases with use of SQL server.
* Interacting with Business Analyst to ensure all the requirements are translated into technical requirements.
* Design, Development using C#, JavaScript, AngularJS for the user interface using the Code behind Class technique.
* Experience in using AngularJS, ability to test views and able to do end to end unit testing. Also, using continuous integration.
* Creating custom, general use modules and components which extend the elements and modules of AngularJS.
* Created test cases for service components.
* Resolved QA bugs for front end and back end.
* Unit tested the service components and participated in regression testing.

**Environment: C#, HTML 5, CSS 3, MVC 4, ASP.NET 4.0/4.5, Azure Angular JS, Node JS, JSON, Visual Studio 2015, Web API, JavaScript, JQuery, Bootstrap, SharePoint, TFS, Agile, WCF, WPF, SQL Server 2012, Windows XP.**

**Client: Brightstar us, Libertyville, IL Oct 2015–Jan 2016**

**Full Stack Software Developer**

**Responsibilities:**

* Involved in System Study and to produce system maintenance document. Prepared artifacts on common modules, key components and interfaces.
* Developed solutions for diverse programming scenarios in C#, employing Object Oriented Programming (OOP).
* Working end to end in C#.Net Framework 4.5, WPF&MVVM, ADO .Net/ Entity Framework.
* Responsible for designing the ASP.NET application authentication using .NET Framework, Model View Controller (MVC) and IIS security model.
* Developed GUI using ASP.NETand implemented the code. Extensively used ADO.NET to access SQL Server database.
* Created core server controls such as Dropdown List, Checkbox List, Grid View and other advanced controls such as calendar control.
* Worked with Web API to provide services to HTTP requests.
* Implemented Multi-threading concepts to improve application performance.
* Used Configuration based activation applications on SOAP and REST protocols.
* Designed and developed an n-tier architecture that included Presentation, Business and Data Access Layers using C#.Net, ASP.NET and SQL.
* Extensively worked on Entity Framework generating ORM Models and integrating them through Entity SQL and LINQ to Entities.
* Designed and developed application using C#, **WinForm**s, Visual Studio, and SQL Server.
* Designed and developed Graphical user interfaces using **Silverlight** XAML and C#
* Migrate several applications to SharePoint 2010 and later to SharePoint 2013.
* Design, Development using C#, JavaScript, AngularJS for the user interface using the Code behind Class technique.
* Used Entity Framework in the data access layer.
* Responsible for xml view design and integration with Telerik controls
* Involved in Design and Development of the User Interface using WPF, XAML, VS2010, Expression Blend
* Responsible for Development of health care Web page using HTML5, JavaScript, JQuery Angular.js, CSS, SASS including Ajax controls and JSON.
* Designed the overall architecture and interfaces of Here seas web application with MEAN Stack and REST design pattern.
* Utilized JSON to manipulate and represent data for cross-platform.
* Used FSA/HAS/HRA Applications for improve the existing health program processes.
* Developed Web services to communicate with XML Data from vendors and process in SQL database.
* Incorporated some new enhancements to the existing application, developed web pages using C#, ASP.Net, VBScript and JavaScript, XML/XSLT.
* Working on creating Rest Services using ASP.NET Web API and C#.
* Worked extensively on Angular JS in creating Controllers, Client and Server side validations are done by AJAX calls using $http and JSON parse.
* Extensively used SQL Stored Procedures for accessing the information from SQL Server 2008 Database.
* Involved in building/designing the SharePoint.
* Used HTML5 with CSS3 to style and format all of the applications pages and views.
* Facilitate daily SCRUM to help remove impediments.
* Involved in taking Backups, Restoring, Import/Export data using MS SQL Server and DTS.
* Used SSRS for reporting in SQL and SSIS for transferring data.
* Used Microsoft Team Foundation Server (TFS) for all the source code maintenance among the whole team members.

**Environment: AZURE, ASP.NET, VB.NET ,C#,.Net framework 4.5, Visual studio 2010, WEB API, Entity framework, WSDL, RESTful, CSS3, SharePoint 2010/2013, XML,XSL, XSLT, LINQ, JS, Razor, JQuery, AngularJS, Bootstrap, HTML5, WPF 4.5 , VBScript, SOAP,SQL server 2008.**

**Client: NORDSTROM, Seattle, WA                                                            Jan’ 2013 – Sep 2015**

**Sr.Net Developer**

**Description:** Nordstrom, Inc. is a leading fashion specialty retailer offering compelling clothing, shoes and accessories for men, women and children. The company began as a shoe retailer and has since expanded its inventory to include clothing, accessories, handbags, jewelry, cosmetics, and fragrances. Nordstrom also serves customers through Nordstrom.com, the newly developed e-commerce site [nordstromrack.com](http://nordstromrack.com/), and its online private sale site, HauteLook. Nordstrom has both the largest number of store locations and the largest geographic footprint, and its stores anchor many upscale malls throughout the United States.

**Responsibilities:**

* Development was done using agile methodology with daily scrums, paired programming using TDD and continuous integration using the SDLC process.
* Created the Controllers and Controller Actions, Action Results, Views, View Models, Routing using [ASP.NET](http://asp.net/) MVC.
* Implemented WEB API Services for CRUD operations with HTTP verbs GET, POST, PUT and DELETE.
* Designed and created the restful web service using MVC 4.0 Web API and used JSON to read request and return response of the web service.
* Used Http Response Exception to handle the exceptions in Web API and customized the Exceptions using Exception Filters and registered them at the Action Level.
* Created a custom, single-page, responsive web application to replace a legacy line-of-business web application, developed using client side MVC Design using Angular JS, Java Script and the front end framework.
* Responsible for the overall layout design that meet cross-device compatibility using Bootstrap, color scheme of the web site using HTML5, and CSS3 and Responsible for creating detailed wire frames and process flows.
* Worked in Micro services Architecture with dependency injections and used Auto-Mapper for mapping model and domain model. Configuring virtual machines.
* Used Action Filters for user authentications and authorizations and for caching pages to improve performance.
* Also OAuth and usage of SOAP UI tool, Hands on experience on WSDL.
* Created WCF Services responsible for communicating and providing real time data from integrated server to Client Application.
* Worked on pushing the data to elastic search created the instance on (AWS). Retrieving the data and showing up on reporting tool Kibana. Hands on experience on ELK.
* Written Queries using T-SQL Statements, Views, User Defined Functions, Stored Procedures, Triggers in SQL Server for inserting/Updating/Deleting the data into the relational tables.
* Hand-On experience in Implement, Build and Deployment of CI/CD pipelines (Go pipeline).
* Worked on pushing the data to DB. Used Mongo DB and Dynamo DB.(AWS)
* Have experience in Object-orient design principles such as SOLID, and design pattern such as Singleton, Abstract Factory etc.
* Used JIRA for project tracking (System Dashboard). Documented whole project work flow in Confluence
* Used GitHub as the version control to achieve a good communication between the teammates.
* Unit testing the code and Integration test, Acceptance test for business acceptance. Using NUNIT
* Strong trouble shooting capability. Quick bug fixes. Used fiddler to test my code and also for debugging issues.

**Environment: Visual Studio 2012, ASP.NET MVC 4.0, WCF SOAP, Web Services, Entity Frame Work 5.0, TFS 2012, IIS 7.0,LINQ, HTML5, XML, CSS3,Angular JS, JavaScript XML, Microsoft Enterprise Library, NUNIT, Windows Server 2003, SQL Server 2008 R2/2008, NUNIT.**

**Client: Comerica, Houston, TX Aug 2011 – Dec 2012**

**Role: .Net Developer**

**Description:** Comerica, Inc. is an American financial services company founded in Detroit, Michigan and currently headquartered in Dallas, Texas. The project is to build a loan registration system, developed for Comerica-champion mortgage receives prospective customer loan applications from various channels and affiliated partners.

**Responsibilities:**

* Designed, developed, tested, supported and deployed desktop, custom web, and mobile applications.
* Developed new views using ASP.NET MVC and maintained existing ASP pages.
* Developed GUI using ASP.NET and C# as code behind language to implement the business logic.
* Developed Classic ASP pages to maintain the existing applications.
* Implemented master page for Asp.net Pages.
* Designed presentation layer (GUI) for dynamic web forms using ASP.Net MVC Framework, HTML5, CSS3 and Visual Studio.
* Edited XML files to configure ASP.NET applications.
* Performed Client-side validation and logic using JavaScript.
* Designed a CSS file for giving a standard look and feel for all the Form.
* Implemented authentication and authorization.
* Developed Web services using ASP.NET and C#.
* Implemented business logic using C#.NET.
* Created composite web custom controls for easy reuse.
* Used Web Services and XML standards, including SOAP and developed the prototype using XML web service (SOAP) for data transfer over HTTP network.
* Extensively used Application and page level tracing feature of .Net to trace and debug the code.
* Presented Data in connected and disconnected mode using ADO.NET objects.
* Implemented data editing, Filtering, Sorting, Paging in Data list and Data grid controls using ADO.NET.
* Created stored procedures to extract the data from the SQL Server.
* Developed PL/SQL triggers and master tables for automatic creation of primary keys.
* Created PL/SQL stored procedures, functions and packages for moving the data from staging area to data mart.
* Performed Data transformations using SSIS via the Implemented enhancements for better performance.
* Created SSIS ETL packages for database operations and scheduled jobs.
* Created the web reports using SQL Server Reporting Services (SSRS).
* Provide extensive production support and fix problems in a short span of time.

**Environment: ASP.NET, C#, ADO.NET, AJAX, HTML, CSS, SQL Server 2008, JavaScript, Visual Studio .NET 2010**.

**Scope international, Hyderabad, India Apr 2009 – July 2011**

**.Net Developer**

**Responsibilities:**

* Involve in various stages of project starting, planning, production and maintenance.
* Designed, configured, developed web application using ASP.NET, C#, JavaScript, CSS.
* Developed various User Controls to use it across the application.
* Used Grid View, Data List and Repeater controls for data display.
* Used CSS to Design, create various templates to get unified look and feel of the Web Forms.
* JavaScript was used to perform client side validation.
* Implemented data access layer using ADO.NET.
* Application support and integration with IIS.
* Designed and developed reports in formats such as PDF, Excel, Word, and CSV.
* Created various Stored Procedures, Triggers and Indexes for efficient data transfer between databases and to create a log of all the modifications.
* Enhanced proficiency in Silver light, WCF, ASP.NET, Visual Studio 2008 IDE.
* Effectively consumed Web Services at various stages of the development. For Example, insertion of data into the database, or fetching data from the database.
* Involved in the project maintenance by writing test cases, performing system testing and working on fixing bugs.

**Environment: ASP.NET, IIS, C#, SQL Server 2005,Visual Studio 2008, Web Services, XML, JavaScript.**