**Santhosh Kumar**

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**Professional Summary:**

* Proficient Over 7+ years of IT experience in System Analysis, Design, Development, and Implementation of various applications including **Web** (**Client/Server)** and **Windows** **Applications** using **Microsoft .NET** **Framework**, **C#. NET, ADO.NET,** **ASP.NET, VB.NET.**
* Experience developing web applications in **ASP.Net MVC 3, ASP.Net MVC 4** and Knowledge of **ASP.Net MVC 5** (Filter Override and Attribute Routing)
* Created code for **Angular JS** based application for a new functionality to communicate to a Web API.
* **Web Application** Development experience with technologies using **HTML 4.0/5, CSS2, CSS3, DOM, JAVASCRIPT, JQUERY, AJAX, JSON**, **Node JS,** **Angular JS,** **Bootstrap, XML**.
* Extensive experience with core **.NET** technologies like **ADO.NET, ASP.NET Web Forms and Server Controls, Web Services, WCF and LINQ**.
* Hands on experience in UI technologies with **Node JS,** **Angular JS** and **Bootstrap.**
* Experience in all phases of **Software Development** including Analysis, Designing, coding, testing, bug fixing and customizing) and Implementation of Client/Server applications using **C#** and **SQL Server 2005/2008/2012/2014** with N-tier development environment.
* Experience in Architecture, Design, Development and Deployment of High-Performance, Scalable, and Distributed, **ASP.NET** and **SQL Server** **2012/2014/2016** (backend) applications and Test-Driven Development (TDD).
* Experience working on **Telerik WPF Rad Controls, Telerik AJAX Rad Controls** and **Telerik Reports.**
* Experience in creating **User Controls & Custom Controls in** **C# and ASP.NET**.
* Worked on Unit test by Test-Driven Development (**TDD**) to build the application with **Angular2** and **JavaScript**.
* Used **Node Package Manage (NPM)** and Bower as package manager for installing backend and frontend dependencies.
* Extensive experience in creating rich content Web Forms, Web User Controls, Server Controls, Web Service, WPF,WCF Service and Web API Calls
* Experienced in building cross browser compatibility applications using **Angular JS 1.x, Angular2, Angular 4.0,** Typescript, **Node.js, Require.js, Knockout.JS and Ext.js.**
* Good experience in using the latest **JavaScript framework AngularJS** and worked with all its various concepts like services, custom directives, promises, factory and providers.
* Extensive experience in developing single-page applications using JavaScript frameworks like **AngularJS** and **Bootstrap**.
* Worked on **HTML5** **Apps**, **Google** **API’s** and **Native** **IPAD** and **IOS** apps.
* Good in-depth understanding and experience in **RDBMS** Database Design and Developed Constraints, Join, Views and Triggers in SQL Server 2012/2008R2/2008/2005. Including Writing Views, Stored Procedures, Functions, Cursors, and Triggers for search and accessing data from various databases.
* Specialized in developing Web 2.0 Apps using core **jQuery** along with **AJAX**/**JavaScript**.
* Built reusable and customizable components using **React**.**js**, React Router and **Redux**.
* Extensive front end and backend development experience working with **.Net Framework** **3.0/3.5/4.0/4.5, Visual Studio.NET** **2010/2013/2015**.
* Good understanding of developing Web Services using **SOAP** and **XML**.
* Expertise in developing and consuming web services using SOAP protocols, AJAX, XML, JSON, JSP and Restful API integrations.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using **Angular.js, Node.js,** and **jQuery.**
* Experience with many databases like **MS SQL (2000 - 2017, Azure), MySQL, SQLite, Oracle, MongoDB and Cosmos DB**.
* Familiar with cloud technologies like **AWS, Microsoft Azure**.
* Strong knowledge of cloud solutions from **Azure, like WebApps, MobileApps, SQL Databases, Cosmos DB, Virtual Machines, Active Directory** and many others.
* Experience in database design in **SQL** Server, **Oracle**, **MYSQL** using Stored Procedures and Triggers.
* Working knowledge of **SQL Server Reporting Services (SSRS)**. Extensive experience in **SQL Server,** Stored Procedures, Functions, Triggers, Queries, Indexes, DTS Packages, Transactions, Cursors etc.
* Experienced in using Wireframes/Comps to create cross-browser UI's with table-less CSS.
* Expertise in using Visual Source Safe (VSS), Team Foundation Server (TFS), SVN, GIT and Perforce for source code management.
* Strong analytical and programming skills coupled with knowledge of object-oriented analysis and design methodologies.
* Good knowledge on **WPF, sliver light** and **Microsoft dynamic CRM.**
* Experienced in working in **AGILE** based environment and participating in Scrum sessions.
* Extensively involved in fixing production, staging bugs, and production support.
* Experienced in Amazon Web Services **(AWS)** Concepts like **Elastic Load Balancers, EC2** and **S3**.
* Excellent communication/interpersonal skills and exceptional problem-solving capabilities.
* Customized the **Node.JS** server to pick the local Package. And run the application without changing the local paths and variables.

**Technical Competencies:**

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| **.Net technologies** | .Net Framework 4.5/4.0/3.5/3.0/2.0, ADO.NET, ASP.NET, VB.NET, MVC 5/4/3/2, Entity, LINQ, Web Services, Web Forms, WCF, WPF, IIS 8/7/6, Silverlight |
| **Programming Languages** | C, C++, C#, SQL, PL/SQL |
| **Web Technologies** | HTML5, Win forms, CSS3, XML,Bootstrap, AJAX,JSON, AngularJS, KnockoutJs, Node.js. |
| **Relational Databases** | MS Access, MS SQL 2012/2008 R2/2008, Oracle 11g/10g |
| **Software & Development Tools** | MS Visual Studio 2013/2012/2010/2008, SQL Server Management Studio, DevExpress, MS word, MS Excel and MS PowerPoint |
| **Testing & Reporting Tools** | SSRS, SSIS, Crystal Reports 11.0/10.0 |
| **Operating Systems** | Windows Server 2008/2003, Windows 7/Vista/ XP/98 |
| **Version Control** | Team Foundation Server (TFS), Sub Version, Visual Source Safe |
| **Scripting Languages** | ASP.NET 4.5/4.0/3.5/3.0/2.0, JavaScript, TypeScript, JQuery |

**Professional Work Experience**

**Centene Corporation, St. Louis, MO April 2018 – Present   
Full Stack Developer**

**Roles & Responsibilities:**

* Involved in Implementing, debugging and maintaining **ASP.NET MVC** applications.
* Analyze and Resolve issues logged by the Integration Test team and by QA Team
* Developed application components as per design and user interface specs to work with stakeholders to get approval.
* Builds enhancements (including new product features as per given in specs) and resolve bugs. Builds and executes unit test and unit test plans.
* Extensively worked on the Angular UI Routing to handle navigation to access different pages in the application.
* Used $http, $location, $q, $log, $scope, $window, $cache Factory services to call REST API's logging and location operations.
* Worked extensively on **Angular 4/ Typescript** SPA domains.
* Hands on Experience on Angular CLI (Command line Interface).
* Good amount of work done on Reactive forms or Web Forms 2.0 in **Angular 4** and their Validations.
* Worked in consuming **Swagger**, **REST** with **JSON** to test data. **Postman** and **Fiddler** for testing the Web Services.
* Created Web APIs using **ASP**.**NET** Web API allow new web/client projects to leverage reusable data.
* Developed user interface using **Angular 4, JavaScript, jQuery, CSS** and **HTML.**
* Used **AJAX** to improve the performance of the web pages and to display the data on frequently visited pages.
* Develop user interfaces to which consume back end services for SaaS offerings
* Use Flux & Reflux to manage your data in React and Make **HTTP** requests in React & Flux.
* Developed user interface by using the React JS, Redux for SPA development.
* Add **SMS** send functionality and enhance the Notification services by adding APIs to send SMS messages and to manage a do-not-disturb list. (Two-way authentication factor)
* Implementation of responsive UI design.
* Created new Web APIs using ASP.NET Web API and created asynchronous methods.
* Designed and developed RESTful Web API and exposed JSON objects.
* Used Model View Controller (**MVC**) design pattern to develop a complex web application, **VB.NET**, **ASP**.**NET** with C# as code behind Angular JS, JavaScript and Typescript is used for client-side validation.
* Extensively used React JS, Node JS, Angular JS, JavaScript, **Typescript** and jQuery for UI functionality. Wrote JavaScript Code for **React** **JS** and **Node** **JS** to interact with **server** and Network applications.
* Involved in developing applications in **ASP.NET MVC**, Razor syntaxes and Razor View engines using **Visual** **Studio** **2015**.
* Designed and created tables, stored-procedures, defined data relationships and constraints in **SQL** **Server** **2016**.
* Complied with **MVC SPA, WEB API** Framework in the development of the Models, Views, and Controllers.
* Developed modules of the application in ASP.NET and involved in writing C#.NET classes.
* Created different business classes and interfaces using .NET Framework 4.5 with Object Oriented Programming (OOP) Methodology
* Implemented convention-based **CRUD** Actions HTTP verbs GET, POST, PUT and DELETE using **ASP.NET WEB API.**
* Used ASP.NET MVC framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
* Developed an ASP.NET MVC application in Visual Studio using the test-driven development (**TDD**) approach
* Web Apps development including HTML5, CSS / CSS3, JavaScript, **AngularJS**, jQuery, WPF, Responsive UI techniques, Dashboard building
* Created screens, wireframes and storyboards for prototyping and translate to products.

**Environment:** Spring MVC, Web API, C#.NET, JavaScript, jQuery, React JS, Bootstrap, HL7, Agile, JSON, VS code, Entity Framework 4.5, Angular 4, ASP.NET,VB.NET, Web API, .NET Framework 4.5, LINQ, MVC, NuGet, Postman, HTML5, CSS3, Typescript, J query, Visual Studio 2015/2017, ASP.NET MVC 5, SQL Server 2016, IIS 8.5

**Anthem, Indianapolis, Indiana Jan 2017 – Mar 2018  
Dot Net Front End Developer**

**Roles & Responsibilities:**

* Involved in writing **AngularJs** and Java script to perform client-side validation and to enhance UI of the application, worked with parsing xml data.
* Worked on **PROD** defect fixes in .Net frame work 4.0/2.0/1.0
* Configuring IIS 7 application server management and deployed .Net applications code in Dev, QA, UAT and PROD.
* Used Entity Framework technology for querying, data retrieval, manipulation and data storage using LINQ.
* Responsible for developing **WCF** Service for exchange of data between systems and implement business logic.
* Designed and developed Rule index matrix using **C#.**
* Designed Truckload quoting pricing tool for sales staff to quote and price carrier and customer clients using **ASP.NET MVC 5**, C#, Angular JS, **JavaScript** and **jQuery**.
* Developed the reusable framework for the application using the ASP.NET MVC Framework 4.0.
* Used Team Foundation Server (**TFS**) for version controlling and assisted in documentation and creating Helpfiles.
* Developed Razor views with strongly typed view models and HTML Helpers and partial views using ASP.NET MVC, CSS, JavaScript, AngularJS and C#.
* Used JSON to transmit data between Server and Web Application, an alternative to XML Serialization.
* Designed and developed Data Access layer, Business layer and Presentation Layer (user interface) for the n-tier architecture web application using **C#, ADO. NET** and **ASP. NET.**
* Used Web API to create controllers and expose JSON data, images and XML to web clients.
* Designed and developed an integrated n-tier web application using C#, WPF, ASP.NET and ADO.NET.
* ASP.NET (C#, Vb.net), Web forms development/programming as per the design specifications.
* Used ASP.NET MVC, **Web** **API**, **SQL** Azure, **AngularJS**, Bootstrap for single page apps.
* Used Azure App Insights for user activity & exception logging.
* Used Azure Monitoring service (Activity Logs, Metrics, Diagnostics Data) for audit.
* Used Azure Monitoring, **OMS** & Power BI for visualizing the activities.
* Deployed the tools Microsoft Azure Cloud Service **(PaaS, IaaS)**, and Web Apps.
* Implemented Azure Application Insights to store user activities and error logging.
* Created Cloud Formation templates and deployed AWS resources using it.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.
* Managed servers on the Amazon Web Services (**AWS**) platform instances using Puppet, Chef Configuration management.
* Expert in performance monitoring tools like **AWS Cloud Watch** and Stack driver
* Designed roles and groups for users and resources using AWS Identity Access Management (IAM).
* Established UX design as the first stage of all Web and mobile application developments, instituting a user-centered design (UCD) approach. Frontend technologies Angular 4.x, Angular Material, Bootstrap.
* Implementation of client-side validations using jQuery, Angular JS and server-side validation using ASP.NET MVC Validation at Controller level.
* Written various unit tests using NUnit and Moq Framework
* Worked on Angular JS (1.5) to implement Client-side Java Script Modules.
* Experienced in creating and consuming XML Web Services (SOAP, and WSDL) using VisualStudio.Net, ASP.NET.
* Worked on WebAPI and RESTFUL Service API using WCF 4.0 which return XML and JSON data using WCF attributes.
* Used nHibernate, WPF and WCF to communicate between DAL(Data Access Layer) and other business components.
* Created the Data access layer and Data access objects using ADO.NET Entity framework and LINQ to reduce impedance mismatch.
* Created Database objects like Tables, Stored Procedures and Triggers in SQL Server 2008

**Environment**: C#. ASP.Net3.5/4.0, MVC 4, MVC 5, Web API, Angular 4, RESTful APIs, Bootstrap, Visual Studio 2008/2010/2013, VB.Net, VB Script, SQL Server2005/2008, SSRS 2005/2008, SSIS 2008, Microsoft Power BI and MS Access, WCF, Microsoft Azure, AWS RedShift, Exchange Web services(EWS).

**State Farm Insurance, Boston, MA April 2015 – Dec 2016  
.Net Developer**

**Roles & Responsibilities:**

* Performed architecture design and created UML diagrams.
* Designed and entire Service Layer.
* Construction of the **C#** code required for the proper operation of the requested new user interfaces
* Estimating the project using Functional point analysis
* Setup the **NHibernate** and **Fluent**.
* Create and consume **WCF** service as Data layer in **MVC.**
* Created user controls, validation controls and used custom controls like date picker, Custom Validator
* Database design using **MS SQL server 2012** and Developed DAL using **NHibernate** for Data extraction and Manipulation.
* Experienced working with AJAX, JQuery, AngularJS, TypeScript and Bootstrap.
* Involved in Back-End Database Design and Implementation using **SQL Server 2012**
* Experience to work with **Team Foundation Server (TFS**).
* Simultaneously involved in unit testing for all the development activities and design phase of the project for requirement analysis.
* Involved in the application designing using **MVVM** model for **WPF**.
* Developing a ribbon bar to make application more user friendly.
* Proficient in developing Service Layer using C# and Windows Communication Foundation (WCF).
* Created snapshots by using WPF (Windows Presentation Foundation) for the functional requirement.
* Development of (**MVVM**) Model, View, Controller framework using C#.
* Created Restful services using **ASP.NET** Web API for exposing these to mobile device Involved in requirement gathering, analysis and documentation of assigned modules
* Developed **WCF** services to save/get the data for portfolio screen using **C#**, **LINQ**
* Developed several re-usable utility and helper class for an easy and speedy development
* Designed/Developed the stylesheet using **CSS** to provide consistent look and feel for the entire web application.
* Active participation developing Single Page Applications using Microsoft Visual Studio .**Net.**
* Extensively used Object Oriented Programming fundamentals during all phase of application development.
* Performed Code and peer reviews on web pages to ensure that source code complies with company coding conventions and standards which enhances source code management and increases maintainability and employing **TDD**.

**Environment:** ASP.NET (MVC), C#, AngularJS, Web API, HTML, TFS, Visual Studio (2013), T-SQL, SQL Server (2012), WCF, WPF, JavaScript, MVC, Web Services/WCF, XML, Hibernate.

**Inspire Innovative Solutions Pvt. Ltd. – Pune, India Jan 2013 to Dec 2014**

**Web Developer**

**Roles & Responsibilities:**

* Experience in planning and delivering software platforms used across multiple products and organizational units.
* Deep expertise and hands on experience with Web Applications and programming languages such as HTML, CSS, JavaScript, **JQuery and API's.**
* Developed the User Interactive web pages in a professional manner with using web technologies like HTML and CSS as per company’s standards.
* Used all the advanced Photoshop features to create appealing visual web interfaces.
* Implemented various Search Engine Optimization techniques as metadata, building inbound link, and outbound link text, meaningful title while designing web pages.
* Involved in **JavaScript** coding for validations and passing attributes from one screen to another.
* Applied client-side validations **using JavaScript.**
* Built **HTML** and **CSS** system for controlling text display issues cross-platform and cross browser.
* Implemented **AJAX** to enhance the capability of the website.
* Used Firebug and IE Developer Toolbar for debugging and browser compatibility.
* Used CSS Blueprint to create grids and adopt cross browser interactive features.
* Created **Graphic User Interface (GUI)** and applied to web site.
* Increased developer productivity by using efficient programming methodologies and local development.
* Managed application state using server and client-based State Management options.
* Handled all aspects of the web application including maintaining, testing, debugging, deploying and printing.

**Environment:** JavaScript, jQuery, HTML, HTML, CSS, Web Programming Skills, E-Commerce, Teamwork, Web User Interface Design (UI), Security Principles, Object-Oriented Design, Web Services (REST/SOAP), Multimedia Content Development, API's

**VFS Global. – Hyderabad, India June 2011 to Dec 2012**

**SQL Developer**

**Roles & Responsibilities:**

* Monitoring day-to-day operations, maintaining Table spaces and **CRD** files.
* Involved in full database **export/import**.
* Involved in table level, schema level Refresh.
* Involved in **Oracle** s/w installation and database creation in new servers.
* Adding data files into existing tablespace.
* Involved in Rebuild **index**.
* Creating users and assigning roles, account unlock.
* Working on database/schema refreshes in the development and test databases Using **Data** **Pump** utilities and using export and import.
* Perform Backups- user managed (Hot, Cold), Logical (export, import and **data** pump).
* Created several **SQL** queries and created several reports using data mart for user reports.
* Analyzing data and implementing the multi-value compression for optimal usage of space.
* Excellent experience in performance tuning and query optimization of the **SQLs**.
* Worked on **SSIS** Package, **DTS Import/Export** for transferring data from Database (Oracle and Text format data) to **SQL** Server.
* Involved in applying the patch in **oracle** **apps** environment.
* Involved in analyzing the patch and providing version details of files, Blocking clearing, health checks and performance.
* Involved in scripts execution and putting database in restrict mode.

**Environment:** SQL Server 2008/2008R2, DDL, DML, Tableau, TFS, Visual studio 2008/2010 Store Procedures, Views, UDFs, VSS, Power BI, C#.NET, Waterfall methodology.