**Santhosh Kumar Rudra**

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**Professional Summary:**

* Proficient Around **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, and 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.
* 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**.
* Expertise in Azure infrastructure management (Azure Web Roles, Worker Roles, SQL Azure, Azure Storage, Azure AD Licenses, Office365).
* 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.
* Data pipeline design using proprietary Data Studio leveraging multiple sources such as XLS, **Kusto**, etc. and multi-destination publishing.
* Experience in developing Graphical User Interfaces using HTML, CSS, JavaScript, Angular JS, AJAX, JQuery, Bootstrap, Silver Light, WPF and PRISM.
* 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.
* High-Level expertise in Object Oriented Design, Analysis, Object Oriented Application Development (**OOAD**) and Service Oriented Architecture (**SOA**).
* 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 developing enterprise applications using DOM (Document Object Model), XML, XAML, Schema, XSLT and XML Parsers with clear understanding of well-formed XML and Valid XML and LINQ to query XML.
* 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.
* Worked with the Architecture teams to implement upgrade of **Angular 1.5 to Angular 2.0**. Implemented new recommendations from Architecture team.
* Used $http, $location, $q, $log, $scope, $window, $cache Factory services to call REST API's logging and location operations.
* 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
* 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.
* Exploring and onboarding Key data from various sources (SQL, Cosmos, **Kusto**, DataMall) which helps BA and DS team for better insights.
* 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**.
* Created and consumed WCF services which are based on SOA architecture. Used Basic Http Binding for binding purposes. Worked on WCF security.
* WCF was used as serialization and deserialization, source to query retrieve and Data development was done by using C# and dot net. Along with MVVM used Unity as DI container and used PRISM 5, .net 4.5 for WPF.
* 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.
* Involved in generating resource XAML files using WPF forms, data binding, dependency properties, WPF data templates and control Templates.
* Experience working with PRISM and MVVM design patterns for Silverlight and WPF.
* Working on a web application involving Single Sign On, role-based privileges, CRUD operations, canvas and high charts drawing.
* Used SOA Architecture to develop code in Test Driven Environment using NUNIT.
* Analyze data in the **Kusto** database and generate reports using Power BI
* 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 web form and window forms for clients in C# using (WPF) Windows Presentation Foundation, XAML and XML Involved in migration of SSRS from SQL 2000 to SQL 2005.
* Optimized Kusto queries to reduce the execution time from 5 minutes to 20 seconds per query and data distribution in multiple nodes in a **Kusto** cluster.
* Created a prototype web based executive dashboard which tracked employee performance using high charts.
* Involved on migrating SQL Server databases to **SQL** Azure Database using SQL Azure Migration Wizard. Deployed application to Azure Cloud.
* 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, ASP.NET,VB.NET, Web API, .NET Framework 4.5, LINQ, MVC, Prism, NuGet, Postman, HTML5, CSS3, Typescript, JQuery, SQL Azure, Visual Studio 2015/2017,Kusto, Highcharts,ASP.NET MVC 5, SQL Server 2016, IIS 8.5.

**Anthem, Indianapolis, Indiana Jan 2017 – Mar 2018  
Sr. Net Developer**

**Roles & Responsibilities:**

* Interacting with client and gathering requirement specifications for application development.
* Designed and Developed Web Pages using **ASP.Net,VB.NET, C#, N-Hibernate, Java script, CSS, JQuery, Angular Js, Bootstrap, AJAX, Web API.**
* Created code for Angular JS based application for a new functionality to communicate to a Web API.
* Designed and developed graphical User Interface (GUI) using **MVC** using **HTML** **5**.
* Designed, developed, and tested stored procedures for database access with **SQL Server.**
* Extensively used **LINQ** and **N-Hibernate** for database operation.
* Used **HTML Razor engine**, **HTML helper, CSS**, **XML** and **bootstrap** to make the UI controls look unique while designing web forms.
* Extensively used **Data binding** to bind various server controls to the data from database and **List controls** to display rows of data in a customized template format.
* Implemented **Unit of Work**, **Dependency Injection and** **Repository patterns** for faster and stable application development.
* Make performance reports using **SSRS**. Created reports using SQL Reporting Services (SSRS) for customized and ad-hoc Queries.
* Used breakpoint as stopping point in the code and review the status of the variable for the **SSIS**.
* Create, manage SQL Server **AZURE** Databases.
* Developed Views using Master Pages, MVVM, Partial Views, MVP custom HTML helper with Razor view engine.
* Exposed Business functionality by Creating MVC.
* Worked on creating Microsoft **SQL** **Server** database Jobs and Triggers required for the optimal performance of the solution.
* Worked on Prism Frameworks for building windows app that run on Windows environment, WPF or Silverlight.
* Used (SOA) **Service-oriented architecture** for implementing an application.
* Used agile methodologies, test-driven development (**TDD**) and automated builds.
* Worked on all phases of SDLC to design and develop the system that meets client’s expectations.
* Developed technical specifications for the new enhancements.
* The web GUI was built using Silverlight, XAML, HTML, DHTML, Web Forms classes and AJAX control for providing a consistent look and their individual states persisted across sessions
* Developed and hosting WCF Services on IIS 6.0 by following Service Oriented Architecture (SOA).
* Created reports using **SSRS** Reports.
* Designed UI specific to iOS using storyboard and Android using XAML.
* Manage the back-end connection to Microsoft SQL as the data source using **ADO.Net** and write SQL queries, stored procedures and triggers to manage data. Developed Web Service for retrieving the Event Participants Data (based on **XML/SOAP**)
* Application was built under Agile development methodology and it was implemented in MVVM design pattern along with the use of Prism.
* Used **TFS (Team Foundation Server)** for version controlling and, **Code Review** and for automatic builds and continuous integration.
* Active participation using **MVVM** to create **WPF** applications.
* Participated in code reviews and walkthroughs.
* Implemented **Unit testing** and integration testing of the application.
* Followed **Agile** Methodology with two-week sprints.

**Environment:** Visual Studio 2015, C#, ASP.NET, VB.NET,AZURE, MVC 4.5, AngularJS, JavaScript, SharePoint, MSSQL Server 2014, WCF based web services, XAML, REST, SVN, Prism, SSRS, LINQ, MVP, AJAX, WEB API, BOOTSTRAP, HTML 5, CSS.

**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#.
* 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.

**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.**
* Used XAML as the markup language.
* 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.