**Rakesh Cherukuri**

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**PROFESSIONAL SUMMARY:**

* Proficient around 7 years of professional experience as .Net Developer in Analysis, Design, Development and Testing of Client-Server and Web-based applications.
* Having good understand and implementation experience in 2-tier, 3-tier and n-tier architecture for windows and web applications using C#, ASP.Net, ADO.Net, AJAX, WEB SERVICES, WPF, WCF, SQL Server with exposure to diverse business domains.
* Designed and developed the user interface, the cost benefit summaries module and the printing module of application using JavaScript, JQuery, JSON, AJAX, HTML/HTML5 and CSS/CSS3 that helped stored operators to execute sales orders more efficiently.
* Proficiency in Software Development Life Cycle (SDLC) AGILE methodologies of development process such as requirement analysis & definition, designing, coding, and implementation.
* Hands on experience in design using Object Oriented Programming principles like Inheritance, Polymorphism Design patterns like Singleton, MVC 3.0
* Expertise in using ADO.NET objects such as Connection Object, Command Object, DataReader Object, DataSet Object, Data Adapter Object.
* Expertise in web programming with hands on experience on using Custom Controls, Master pages, Themes and Validation Controls.
* Experience in using ASP.NET AJAX, VB.Net framework for quickly creating efficient and interactive web applications that work across all popular browsers.
* Customized many features through JQuery and JS and heavy DOM manipulations as per the client requirement.
* Experience in Windows Applications.
* Being doing single page Apps using MVC especially on Angular JS.
* Expertise in using angular JS.
* Good expertise in using responsive web design, React JS, handlebar JS.
* Developed the administrative UI using Backbone JS and Marionette JS.
* Experience in Classic ASP applications, JSON and VB6 scripting.
* Experience in Windows Workflow Foundation (WWF).
* Worked on Sitecore Sheer UI to create Sitecore applications.
* Experience in Content Management Systems, such as Kentico.
* Experienced in Sitecore CMS Solutions to design .Net application features.
* Expert level experience in SQL Server Tables, Views, User Defined Functions, Stored Procedure, cursors,
* Transactions and Triggers.
* Extensive Experience developing application using Silverlight and WPF development including front end designing in Microsoft Expression Blend & XAML.
* Good experience on PRISM, UNITY, Entity Framework.
* Experience in Ruby on Rails in developing user friendly and effective web based applications.
* Experience in development and implementation of Windows Communication Foundation (WCF), and also responsible for developing WCF based Service, Data, Fault and Message Contracts.
* Experience in .NET Framework with WCF, Silverlight 4.0/3.0/ and LINQ.
* Proficiency in using Silverlight to develop web applications with rich graphics, user interaction, multimedia, animations and that can operate on all popular web browsers.
* Experience in using Language-Integrated Query (LINQ to Objects, LINQ to XML and LINQ to SQL) and retrieve data from different data sources.
* Experience in Design patterns like Singleton and MVVM.
* Experience in working on Web Services, SOAP, WSDL, Database, Object Oriented Architecture, XML, HTML, DHTML, and CSS.
* Performed N-Unit Testing for the piecewise testing wise testing of the applications.
* Experience in Configuration Management, setting up company version policies, build schedule using Team Foundation Server and Visual Source Safe (VSS).
* Knowledge of VSTO in generating reports in MS-Word and MS-Excel.
* Good experience with Reporting Tools like SQL Server Reporting Services (SSRS).
* Good experience on Windows Azure and Azure SQL Server.0
* Having experience Converting existing solution to Windows Azure Worker Role.
* Good Experience in using Application Performance Management Tool (AppDynamics).
* Experience in using Telerik Controls.
* Excellent analytical and interpersonal skills. Quick learner and good performer both in team and independent job environments. Proficient at grasping new concepts, applications and technologies quickly and utilizing the same in a productive manner.

**TECHNICAL SKILLS:**

**Programming Languages:** C, C++, Visual Basic, C#, Core Java, SQL

**Scripting Languages:** Ajax, Java Script, HTML, CSS

**Technologies:** ADO.NET, ASP.NET, LINQ, Windows Service, Web services, WEB API, REST, WCF, WPF, Silverlight, MVC 5/4/3, VB.NET, Microsoft Azure, Microsoft Visual Studio […] Team Foundation Server (TFS),Sitecore 6.5/7.0, Kentico.

**Web Technologies:** HTML5/HTML, DHTML, XHTML, CSS, WSDL, XML, XSLT, XPATH, jQuery

**Frameworks:** .NET Framework 4.5/4.0/3.5/3.0/2.0, Angular JS, Bootstrap, Typescript, Knockout.

**Databases:** MySQL, SQL Server 2012/2008/2005, MS Access, Oracle 10g

**Tools & IDE:** Visual Studio 2013/2012/2010/2008/2005.

**Versioning Tools:** Visual Source Safe, Team Foundation Server.

**Reporting Tools:** Crystal Reports, SSRS Reports

**Web & Application Server:** IIS 7.0/6/5

**Protocols:** HTTP, FTP, SOAP, RESTful

**OS:** Windows 2000/ Server 2003/ Server 2008/ XP/Vista/7/10

**Professional Experience:**

**Client:** **Paccar, Renton, WA March’ 2017 – June 2018**

**Role: Sr. C# .Net Web Developer/Sitecore Developer**

**Responsibilities:**

* As part of the development team, I was associated with the full life cycle the project (Analysis, trading, design, development, testing and implementation).
* Knowledge of secure integration architecture considerations around authentication and authorization protocols (SAML, OAUTH) and APIs against threats
* Proficient with user authentication and authorization between multiple systems, servers and environments (cookie based authentication, OAuth, JWT).
* Involved in Understanding Existing Applications and Reviewing, Requirements with Business Team and Implementing and Prioritizing the Tasks for Business Requirements using the Agile and scrum Methodology.
* Implemented Dependency Injection, Repository Pattern, Unit of Work and Mocking framework for Unit test of entire application.
* Unit Testing for all the modules by mocking different layers of the application.
* Effectively created easy to use, reusable controls and integrated them into ASP.NET Web Pages.
* Utilized present and future industry trends and practices to create SiteCore CMS Websites.
* Implement Sitecore architecture and develop custom Sitecore controls to facilitate client's CMS needs.
* Develops new page templates and functionality using a variety of codes and scripts within Kentico CMS and ASP.
* Developed custom controls for integration with Kentico CMS that utilized its given API structure.
* Controlled overall look and feel of VB.NET website by defining themes and skins and applying them at page level as well as control level.
* Used Backbone JS and Marionette JS to create new, robust UIs.
* Effectively used master pages to create consistent layout for the ASP.Net, VB.Net web pages and merged them with content pages.
* Work experience as a project officer using WWF.
* Developed ASP pages using ASP.NET web form controls, ASP.Net Ajax, C# and JQuery ASP.Net, MVC, HTML5.
* Developed generic classes for the Business Layer and Data Access Layer using C#.
* Built a heavy front end using HTML/CSS/JavaScript on top of .NET MVC 3.
* Developed the user interface for back office support and worked collaboratively in Agile Scrum team on the design development of application based MVC framework using Angular JS, HTML 5.0, and CSS3.
* Implemented Angular JS Controllers to maintain each view data.
* Implemented angular services calls using Angular Factory.
* Extensively used WCF service calls to get the data from session and database side into the Silverlight application.
* Implemented the SOA architecture using Windows Communication (WCF).
* Consumed web services (WCF) created by Rule server application.
* Designed several Sequential Workflow Libraries (WWF) for business logic by analyzing business requirement.
* Design responsive and intuitive user interface for the web using XHTML/CSS and both custom ASP.NET, VB.NET, AJAX Scripts.
* Effectively used ASP.NET intrinsic state management functionality to store application-specific, session-specific and user-specific information between page requests.
* Effectively used ASP.NET security infrastructure for authenticating and authorizing user access as well as performing other security related tasks using VB.NET.
* Managed authentication using windows groups and using ASP.NET, VB.NET roles.
* Worked on WCF Service, Operation, Data, Fault and Message Contracts.
* Effectively used JQuery a concise JavaScript Library for traversing HTML document, Event handling and AJAX interactions.
* Experience in using Data Grid Controls to generate based on client requests (Bootstrap and XML).
* Development of cutting-edge application interface which take advantage of recent technologies like Silverlight and WPF to deliver modern, intuitive user experiences.
* Created ASP.NET Validations Controls and JavaScript for the client side validations in the Web pages and C# code behind.
* Worked on integration of code behind web forms development in VB.NET with data access layer using ADO.NET, SQL Server 2008.
* Written JavaScript functions for client side code to implement different functionalities in events, validation and listeners.
* Evaluating Angular JS, Durandal and Ember JS as possible MV frameworks for the rewrite of our front end from flash to html.
* Designed and developed Triggers, Tables, Views Functions and Stored Procedure for SQL server 2014 database.
* Converted .Net application to Microsoft Azure cloud service project as part of cloud deployment.
* Migrated SQL Server 2008 database to windows Azure SQL database and updating the connection strings based on this.
* Written and performed test cases using NUnit, TSS (Test Support System) tool to implement Test driven development to reduce bugs and created unit test cases before coding and then write code according to pass the test case.
* Responsible for utilizing Amazon Web Services (AWS) in the application.
* Involved in creating various reports using SSRS.
* Performed Unit Testing and Performance Testing.

**Environment:** AWS, .NET Framework 3.0, ASP.NET 3.0/4.5, VB.NET, ADO.NET, Telerik Controls, SOAP, HTTP, XML, XSLT, JavaScript, Bootstrap, Angular JS React JS, Backbone JS, Marionette JS, MVVM IIS 6.0, HTML, DHTML, CSS, AJAX, Kendo UI, C#, SQL server 2010, Windows Azure, Azure SQL Database, Visual Studio 2010, Sitecore 6.5/7.0, Kentico, SSRS, TFS 2012/2013, SharePoint 2013, OAuth.

**Client: Harley Davison, Milwaukee, WI Jan’2016 – Feb’2017**

**Role: Sr.NET/SQL Developer**

**Responsibilities:**

* Involved in gathering system requirements for the application.
* Responsible for designing and developing the Application using ASP.Net MVC 4.5, Razor Syntaxes, Razor view engine.
* Participated in the analysis and design phase of the application
* Involved in planning and management of the project.
* Performed automated tests on the entire code using Agile TDD.
* Successfully performed Integration tests in a very well formed Test-driven development environment.
* Developed user interface screens using ASP.NET, MVC, and VB.NET.
* Used AJAX for dynamic web pages.
* Worked with Model View Controller (MVC) pattern to design layer.
* Created snapshots by using WPF (Windows Presentation Foundation) for requirement phase and used SQL Server Integrated Services (SSIS).
* Designing and developing rich application for web (ASPX/Silverlight) and Windows (WPF).
* Development of web applications for managing using kentico CMS.
* Used Kentico CMS/EMS for the development of ASPX Template method.
* Utilized present and future industry trends and practices to create SiteCore CMS Websites.
* Developed, Coded and reviewed SiteCore CMS Web programs.
* Creating WPF/Silverlight applications using MVVM architecture.
* Developed custom controls and navigation using VB.NET and configured the catching policies.
* Analysis, Design and Development of core Financial Screens using ASP.NET, VB.NET.
* Development of UI and server side code using .Net Framework 3.5.
* Working on Work Items in Team Foundation Server (TFS).
* Developed, Configured and consumed Web Services in C#.Net using WCF.
* Extensively used ADO.NET to build query driven applications.
* Designed and coded Win Forms using C#.NET.
* Used LINQ and WCF to communicate between DAL and other business components.
* Extensively used ASP.NET web controls, validation controls, data validation features for the UI.
* Developed application logic using C#.
* Used AJAX for partial page updating, Invisible Data Retrieval, Constant Updating, Smooth Interfaces, Simplicity and Rich Functionality with JQuery and JSON.
* Extensive experience with Angular JS MVC framework including authoring complex directives, services, controllers and filters, working with animations, routing and states.
* Closely interacted with client to analyze requirement and understand use case.
* Write complex UI using JQuery 1.4.2 Library.
* Prepared admin, logging, authentication and authorization module using ASP.NET MVC, C#, and .NET 3.5
* Prepare customer hub module which is completely data driven. Even number of controls and type of control is defined in DB and application will render according.
* Developed UI, presentation layer using HTML, JavaScript, AJAX Tools and ASP.NET pages in C#, HTML using techniques such as Data Grid Control, Validation Control, Session State Management.
* Ensure security to the portal by creating tempered proofed URLs.
* Wrote SQL Queries, Views and Stored Procedures using T-SQL.
* Used the built in mechanism of Sql Server 2008 for the data integrity like default, Not Null, Check, Unique, Primary Key and Foreign key, etc.
* Responsible for maintaining a session of messages between a client and a service using WCF facilities.
* Implemented WCF for communication between Business to Business (B2B) and Business to Customer (B2C).
* Implemented Data Access Layer using Data Access Application Blocks of Enterprise Library.
* Implemented Exception Handling using Microsoft Application Block of Enterprise Library.
* Extensively used crystal reports also for developing reports based on ASP.NET Web Forms.
* Extensively used SQL Server Integration Services for integrating the developed applications.
* Used CSS style sheets for the formatting the web pages.
* Used Requires JS for managing dependencies between modules.
* Implemented fusion chart visualization for an SPA analytics rewrite using require JS and Typescript.
* Developed Validating transactions using XML.
* Involved in Unit Testing for the developed .Net applications.
* Used SVN for the source code control.

**Environment:** ASP.NET MVC3.0, VB.NET, ASP.NET, ADO.NET, Web Forms, C#.NET 2.0/3.0, Visual Studio 2010, JQuery, JSON, Bootstrap, AJAX, LINQ, Entity Frame Work, JavaScript, Typescript, Angular JS, Requires JS, MVVM, WPF, Visual Studio Team Foundation Server 2010, IIS 6.0/7.5, SQL Server 2012, Crystal report, Kentico, Sitecore6.5.

**Client: Fifth Third Bank, Cincinnati, OH July’2014 – Dec’2015**

**2016Role: Sr.NET/SQL Developer**

**Responsibilities:**

* Involved in requirement Collection, Design &Analysis of customer Specification, Development and Customization of the Application.
* Design Web Forms, User Control using ASP.NET 3.5/4.0.
* Created used User Control and custom controls.
* Created and consumed Web Services.
* Used Model View Control (MVC), MVVM software architecture in web applications to view the html.
* Developed all the Business logic for the all the modules in a separate business Layer in C# and this was implemented using WCF.
* Solid understanding of building user interfaces with the latest Microsoft technologies and Silverlight.
* Experienced in development work around developing interfaces into various components of client infrastructure using REST and SOAP APIs.
* Developed the user interfaces of the application using ASP.NET Server controls, HTML Controls, XHTML, Silverlight, Java Script and CSS.
* Developed several classes using C# and experienced in creating Assembles and Namespaces.
* Worked on migration project from VB.Net to ASP.NET 2.0.
* Utilized ADO.NET technology extensively for data retrieving, querying, storage and manipulation.
* Used Gird View to display the data from SQL Server 2005 using Object Data Source control from Business Objects
* Used ASP.Net AJAX Toolkit controls like Script Manager, Update panel and Model Popup Extender with some web pages.
* Developed validations using JavaScript and JQuery.
* Designed front end with in object oriented JavaScript Framework like Angular JS.
* Used Windows Communication Foundation (WCF) to connect the front end to the database.
* Developed stored procedures, views and functions using SQL Server 2008.
* Created WCF Service interfaces.
* Used VB.Net, ADO.Net and PL/SQL procedures in order to access the oracle database for the front end presentation
* Developed the Module that enables the administrator to provide access rights to users based on their credentials.
* Used AJAX controls like Script Manager and update panel to develop the GUI.
* Used XML intensively to bind the data to the web controls, Data Manipulations to store data.
* Developed many SQL Queries to fetch data as per the business requirements with tuning techniques
* Used ORM tool Entry framework for designing entity model.
* Used Microsoft Team Foundation server for source access management.
* Used several test cases to check for bugs in the code and for bad data.
* Performed unit testing, system testing and integration testing.
* Responsible for overseeing the quality procedures related to the project.
* Interacted with the stake holders to gather & analyze business requirements of the various modules of the project.
* Responsible for distributing the functionalities among other team members and assisting them in coding, optimizing and better performance of various functionalities.

**Environment**: Visual Studio 2010, Microsoft .Net 4.0, C#.NET, ASP.NET, JavaScript, Angular JS, CSS, Ajax, XML, SQL Server2008, SSIS, SSRS, WCF, IIS, Web Services, XML, XSLT, N-Unit and Team Foundation 2008.

**Client: Kotak Mahindra Bank, Mumbai, India Jan’2013 – Feb’2014**

**Role: .NET Developer**

**Responsibilities:**

* Involved in developing Appointment Booking Module using ASP**.Net** 3-tier architecture with extensive use of Object Oriented programming techniques in C# and backend as **SQL**
* Developed web pages in ASP**.Net**, C# to integrate the selected Word document templates and generate file by taking inputs for the document place holders.
* Used **C#.Net, ADO.Net, XML, XSLT** and user defined class libraries in developing the business components and entities as a part of Application Layer.
* Extensively used JavaScript, **JQuery** library &**AJAX** in entire applications.
* Actively involved in testing of the application.
* Used Microsoft **.Net** Application Blocks for Data Access and Exception Handling for Data Access Layer.
* Used web services written by other Developer to implement various functionalities and use templates for various reports. Used **XML DOM** parsers, UDDI, **SOAP** for web services.
* Designed custom web controls to extend the functionality of Data Grid and MS Tree View Control
* Modeled data objects using Visio Architect and **UML**.
* Involved in writing Use cases for the application testing.
* Involved in pre-sales activities by interacting with customers.
* Responsible for gathering information from client and creating databases using **SQL** Concepts and Cloud Computing technology and Involved in deployment of databases in the client machine.
* Created SSIS packages to pull data from **SQL** Server and exported to Excel Spreadsheets and vice versa.
* Responsible for providing training to the customers on the application.

**Environment:** C#, VB.NET, MVC, ASP**.**Net, Typescript’s, Angular JS, Node JS, MVC 5.0, HTML/HTML5, DHTML, TFS, AJAX, JavaScript, CSS/CSS3, Adobe, Chrome, SQL Server, Windows and MS Office.

**Client: Qvantel Software Solutions, Hyderabad, India June’2011 – Dec’2012**

**Role: Jr. SQL Admin**

**Responsibilities:**

* **Junior** database administrator for **SQL**server databases; often performed backup/restore for multiple virtual servers for test databases per the developer’s request.
* Wrote **SQL** server stored procedures to iterate through input data tables and commit each record to the appropriate permanent table to then be read by a web application.
* Articulate the step by step logic of written procedures to assist in creating a more comprehensive understanding of how the process and business rules worked. Also created a high level **visio** flow diagram for a graphical representation of the procedure interface.
* Attend user meetings with regular interaction with external agencies regarding individual case investigations and data issues. Debug and research issues as they arise.
* Researched individual record data and analyzed database data to determine the cause of case errors which caused a particular record from being properly processed.
* Implemented changes to **PL\SQL** package if processing error was determined to be logic based.

**Environment:** Entity Framework, SQL-Server 2000, PL\SQL, SQL Server Management Studio.