**Rakesh Cherukuri**

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**Professional Summary:**

* Proficient **7+ years** of experience in Client/Server, **Web Applications**, **Mobile Applications,** Windows applications using Microsoft Technologies and **.NET** framework.
* Have strong knowledge in Software Life Cycle process and development methodologies with strong expertise in building windows and web-based solutions.
* High-Level expertise in Object Oriented Design, Analysis, Object Oriented Application Development (OOAD) and Service Oriented Architecture (SOA).
* Technical expertise in Microsoft Technologies such as **.NET Framework** (4.0/3.5/3.0/2.0/1.x), ASP. NET, MVC4.0, C#, VB. NET, **WCF, WPF, SILVERLIGHT, LINQ**, IIS, SOAP, XML, HTML, JavaScript, Visual Studio. NET 2010/2008/2005/2003, **AJAX, ADO. NET, VB** and **ASP.**
* Experience with many databases like **MS SQL (2000 - 2017, Azure), MySQL, SQLite, Oracle, Mongo DB and Cosmos DB**.
* Extensive experience with core **.NET** technologies like **ADO.NET, ASP.NET Web Forms and Server Controls, Web Services, WCF and LINQ**.
* Extensive web development experience using **ASP. NET**1.0/2.0/3.0/3.5/4.0/4.5, Ajax, HTML and CSS and using ASP. NET MVC architecture.
* Experience in using C#, VB. NET, VB6.0 for implementing business logic.
* Experience in developing batch applications using BizTalk 2009 Server.
* Designed and developed Web-Based **.Net Core** Application.
* Hands on experience in design using Object Oriented Programming Principles like Inheritance, Abstraction, Encapsulation, Polymorphism and Design Patterns like Abstract factory, Singleton, MVC, MVP.
* Strong working knowledge on MVC4, Razor View Engine, **UNIX**, and **SYBASE**.
* Experience in building Angular JS web applications. Worked on Models, Controller, and Angular Views.
* Developed Angular Directives, Angular Filters, Data Binding, Services, Dependency Injection, and Boot strap controls.
* Expertise in writing complex SQL queries and coding using **T-SQL** and **PL/SQL** (Functions, procedures, triggers, SQL query Tuning and cursors) in SQL Server 2000/2005/2008 and Oracle 9i/10g.
* Strong .Net skills and object oriented design experience, including working knowledge of core .Net libraries and WCF, design patterns.
* Experience in developing Web service producers and consumers using .NET and **WCF**.
* Experience on Custom, Tabular, Matrix and distributed reports in multiple formats using Crystal Reports and SQL Server Services (SSIS, SSRS).
* Strong knowledge of cloud solutions from **Azure, like Web Apps, Mobile Apps, SQL Databases, Cosmos DB, Virtual Machines, Active Directory** and many others.
* Experience with **XML**, **XSLT**, User Controls, Custom Controls, **SOAP, WSDL**, Web Services, Validation Controls, Authentications like windows authentication, forms authentication.
* Proficiency in configuring and deploying Web/Enterprise applications and services on **IIS 5.0/6.0/7.0** servers.
* Expertise in AngularJS controllers, directives, components, factory and service resources, routings, and events. Expertise in DOM manipulation using **JavaScript, jQuery** and **AngularJS**.
* Experienced in designing and generating various complex business reports using SQL Server reporting services and Crystal Reports.
* Experience in using Agile and SCRUM methodology to deliver the projects.
* Expertise in scripting languages like JavaScript and VBScript.
* Experience in performing unit testing using **N unit framework** and **VSTS** to write repeatable tests.
* Expertise in using Visual SourceSafe and Team Foundation Server for source code management and version control (Check in, Checkout, track, history etc.).
* Knowledge on developing Win forms.
* Experience implementing Presentation layer in **ASP. NET** using Web Forms, User Control, Web Controls, HTML and Cascading Style Sheets.
* Experience in using third party Data Grid controls like **Telerik, Fusion Charts** and **JavaScript** libraries like D3.JS
* Written conversion and deployment playbooks and user and operational manuals.
* Highly motivated team player with zeal to quickly learn and implement new technologies.

**Technical Expertise:**

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| **Program Languages** | C#. NET, ADO. NET, ASP. NET, WCF, LINQ, Window Services, Webservices |
| **Web Technologies** | XML, HTML, HTML5, XHTML, CSS, CSS3, JavaScript, jQuery, Bootstrap, Angular JS, Node.JS, AJAX, JSON and PHP. |
| **Languages** | C#, VB. NET, SQL, PL/SQL, XML, HTML, C, C++. |
| **Development Tools** | Visual Studio 2012/2010/2008/2005 |
| **Reporting Tools** | SQL Server Reporting Services (SSRS), Crystal Reports Databases SQL Server 2012/2008/2005/2000 |
| **ETL Tools** | SQL Server Integration Services (SSIS) |
| **Operating Systems** | Windows NT/2000/2003/XP/Vista, Windows Server 2008/2003 |
| **Configuration & Version Control Tools** | Visual Source Safe -VSS, Team Foundation Server-TFS, Tortoise SVN |
| **Scripting &Markup** **Languages** | JavaScript, VB Script, HTML, DHTML, XML, CSS, jQuery, JSON, AngularJS |
| **Application Servers** | Microsoft Internet Information Services (IIS) 5.0/6.0/7.0/8.0 |
| **XML Technologies** | AJAX, XML Web Services |
| **Business Modeling Tools** | MS Visio |
| **Design and Process** | MVC 2/3/4/5, Design Patterns, Waterfall, Agile, Scrum |
| **Others** | LINQ, WCF Web Services, WPF, Unit Testing, Nimsoft, AGILE, SCRUM |

**Professional Experience:**

**Client: PACCAR, RENTON, WA**

**Duration: March’ 2017 – Till Date**

**Title: Full Stack .Net Developer**

**Responsibilities:**

* Involved in Meetings/Discussions with the site teams on a regular basis as part of the requirement gathering.
* Worked with offshore team and lead that to make deliveries on time.
* Worked closely with Development teams, Test teams & Participated in design meetings to develop product specifications.
* Designed the web UI using RAZOR View Engine, **HTML, CSS, XSL/XSLT, JavaScript, jQuery, Angular JS, Web Forms** and **AJAX controls**.
* Develop / enhance the application utilizing the **core .Net framework** and required technologies.
* Used Razor Views to enable fast coding workflow and quickly integrate server code into HTML markup with minimum of keystrokes.
* A lot of defects are identified, and some enhancements suggested for this project.
* Converted the application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Involved in fixing the defects and implementing the enhancements.
* Used HP Quality Centre for application lifecycle management.
* Developed Presentation layer (Web Forms) using ASP.NET Core, HTML 5, and JavaScript, C#, Web API, JQuery, CSS, Angular 2.
* Worked as a Developer in the team for designing and developing the Web applications using Microsoft advanced technologies **MSFT Visual Studio 2010**, **NET Framework 4.0, C#, ASP. NET, VS 2013, LINQ Entity Framework** and **Microsoft Visual SourceSafe.**
* Worked in Azure/cloud operating environment.
* Implemented multiple **CI/CD** pipelines as part of DevOps role for on-premises and cloud-based software using Jenkins, Chef and **AWS/Docker**.
* Demonstrated experience in Web development using **ASP. NET MVC, C#,** and the Entity Framework, **RESTful API** development using **Web API**, Database development using a database such as SQL Server, Front end development using **JavaScript, CSS,** and **Angular**.
* Designed the front end applications, user interactive (UI) web pages using web technologies like **HTML 5, Cosmos DB, Azure SQL Gulp, CSS3, Angular JS, React.JS and Bootstrap**.
* Design and Implement WCF services layer hosted on **Windows Azure**.
* Developed the independent WCF (Windows Communication Foundation) services and defined Service.
* Involved in deployment of application on Azure server by creating packages.
* Using Windows Presentation Foundation (WPF) for data validation.
* Implemented the front-end screen using **ASP. NET controls, HTML, CSS** and **JavaScript**.
* Developed Web Forms using **VB. NET, HTML** and **JavaScript**.
* Used JavaScript and Validation controls for validating the developed pages.
* Created Stored Procedures, **User defined functions, Indexes, Triggers,** and **Views**.
* Performed Unit testing.
* Involved in Build and release while merging the code.
* Preparation of System **Test case document** and **User manuals.**

**Environment:** NET framework 4.0, ASP. NET, VB. NET, SQL Server 2008, AWS, Angular JS, Cosmos DB, SQL Server Management Studio 2008, Microsoft Visual Studio 2010, Razor View Engine, Telerik (Kendo) UI, HP Quality Centre.

**Client: HARLEY DAVISON, MILWAUKEE, WI**

**Duration: Jan’2016 – Feb’2017**

**Title: Sr .Net Developer**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including **Analysis, Design, Implementation, Testing** and **Maintenance**.
* Responsible for designing the **ASP. NET** application Authentication using **.NET Framework, Model View Controller (MVC)** and IIS 7.5 security model.
* Used **ASP. NET MVC Page Controller pattern** to add functionality to individual pages such that to accept input from the page request, invoke the requested actions.
* Responsible for Designing and Developing the Reusable UI Components Like MVC Master Pages 'Layouts and Nested Layouts', '**View Start**' and MVC User Controls '**Partial Views**'.
* Worked with JavaScript Frameworks like Angular JS, which simplifies JavaScript object bindings with HTML Elements and client server communications.
* To enable **AJAX calls**, created various Angular services and injected them into controller using dependency injection.
* Deployed application into **Azure Server** by creating Azure SQL server by setting up Continuous Integration (CI)/Continuous Deployment (CD) from Team Foundation Server (TFS).
* Created Custom angular directives to create own **HTML tags** and induce functional behavior to those tags.
* Implemented AJAX functionality using Angular JS to load contents individually in different partial views to minimize loading time and for better user experience.
* Used Entity Framework Code First Approach to interact with Database and implemented the **Mappings**, **Model Changes, CRUD** (Create, Retrieve, Update, Delete) operations and dealt with performance issues.
* Developed **ASP. NET MVC 5** applications using Code First Approach in Entity Framework and UI in Razor View Engine.
* Used Custom Data Access classes which are developed in the company using core .Net Classes.
* Cloud computing expertise on both **Azure** and **AWS** having deployed multiple applications on Azure using App Service and deploy from Visual Studio utilizing **Cosmos DB.**
* Used **JSON** to transmit data between Server and Web Application an alternative to **XML Serialization**.
* Consumed Restful Web Services with Angular JS updating the Model and Views of the application.
* Used **ASP. NET MVC Page Controller pattern** to add functionality to individual pages such that to accept input from the page request, invoke the requested actions.
* Implemented **WEB API Services** for **CRUD** operations with **HTTP verbs GET, POST, PUT** and **DELETE**.
* 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.
* Used GitHub repository for maintaining the source code management and distributed revision control.
* Used **Cascading Style Sheets (CSS)** to import various styles in Html for the views (Presentation layer).
* Worked on all the required **Stored Procedures, User Defined Functions, Triggers,** and **Views using T-SQL** as per business logic.
* Worked with **Azure** service fabric leading to easy publishing of reliable Microservices.
* Extensively used **LINQ to SQL, LINQ** to Entities to manipulate the data in database.
* Witten test case scenarios using **N-unit** and involved in Integration Testing and Regression Testing.
* Used various report items like tables, sub report and charts to develop the reports in **SSRS (SQL Server Reporting Service)**.
* Implemented Reports using **SQL Server Reporting Services, Crystal Reports** by using stored procedures implemented in the SQL Server 2012/2008.
* Worked in **AGILE** and **SCRUM** environment regularly attending the Status Meetings and updating status to Scrum Master.
* Involved in the process of developing Technical design specification documents.

**Environment:** Visual Studio 2013/2012, SQL SERVER 2012, IIS7.5/7. 0, Cosmos DB, . NET Framework 4.5.1, C#. NET 4.0, ASP. NET, MVC 5.0, LINQ, GitHub, AWS, Azure, Web Services, Entity Framework 5.0, JavaScript, Ajax, CSS3, Angular JS 1.4, Web API, HTML5, RESTful Services, SOAP, T-SQL (Transact- SQL), AGILE Methodology.

**Client: FIFTH THIRD BANK, CINCINNATI, OH**

**Duration: July’2014 – Dec’2015**

**Title: .Net Developer**

**Responsibilities:**

* Involved in a day-day **Scrum Software development methodology** and **Test-Driven Development TDD**.
* Extensively worked in Entity Data Model for implementing Business logic and Data Layer using **Entity Framework 4.0.**
* Highly Involved in **Creating Structure** and **UML Diagrams** (Structure Diagrams, Logical Diagrams, and Use Case Diagrams) in assistance with Business Analyst.
* Designed Graphical User Interface (GUI) for various web pages using, **HTML5, CSS 3, JavaScript** and **jQuery**.
* Created Inbound and outbound WCF services / Web Services to integrate with Email client and support applications using C#. NET.
* Used WCF services responsible for developing and deploying services on windows in line with service-oriented architecture (SOA) and responsible for developing **WCF SOAP**.
* Used WCF to expose business logic as services and defined service contracts, implemented service contracts etc.
* Worked with MVC architecture application using **ASPX/Razor view engine**.
* Worked on **Angular JS** for creating the templates on routing configurations by applying states.
* Used Angular JS for calling the web services.
* Used Data contract mechanism in Windows Communication foundation for serializing .NET object types into XML.
* Worked on creating contracts and classes in WCF for different modules in the application.
* Wrote Data Access Layer Methods, **T-SQL Queries, Store Procedures,** and **SQL User Defined functions** for fetching Transaction details, Customer Details, and Product Configuration data.
* Heavily used **LINQ** to **SQL** to retrieve data about Customers & Transactions.
* Developed **DAL** using **LINQ** Data context object with **ADO. NET** Entity Framework for **LINQ** invoked **DB tables** and stored procedures and Implemented **LINQ Lambda** Expressions to query in memory expressions.
* Used Microsoft Team Foundation Server for version Control and source code maintenance needs.
* Performed Intersystem cache by post-relational database for dot Net application and dot binding.
* Involved in using **SQL DDL**, for intersystem cache
* Developed Application layer using **ASP. Net, Server controls, HTML Controls** and **Validation controls**.
* Developed Application using **.NET Framework 4.5, Object Oriented Principles (OOP),** and **n-Tier Architecture**.
* Developed Application with Azure SDK and run those application in **Windows Azure Emulator**.
* Run the application and debugged before deploying it to the public cloud and later deployed application to Windows Azure Cloud.
* **Design, develop, migrate servers, relational database** and websites to Microsoft azure cloud.
* Using Windows Services provided compute and storage platform based on **SaaS**.
* Effectively created reusable controls and Master Pages and integrated them into **ASP.NET web pages**.
* Used Microsoft Test Manager in Visual Studio for running Action Recorded Test Cases and Regression Tests.
* Involved in Unit testing, Modular testing, Integration testing and successful integration of modules and multiple layers in the system.

**Environment**: C#.Net, Object Oriented Methodologies, Visual Studio 2013, SQL Server 2012, ADO.Net, Net Framework 4.5, HTML, CSS, jQuery, Bootstrap, Angular JS, Web Service, WCF, XAML, LINQ, IIS, MS VISIO(UML), N-UNIT, n-tier architecture, Agile Methodology, Windows Azure, SaaS, Team Foundation Server (TFS), Automation testing, MVC 4.0.

**Client: Kotak Mahindra Bank, Mumbai, India**

**Duration: Jan’2013 – Feb’2014**

**Title: .Net Developer**

**Responsibilities:**

* Involved in Design and Code Construction with **OOPs** Implementation.
* Involved in Maintenance / Enhancements of the application which includes developing the new reports.
* Leading the developer team for the new application development in **Visual C#,** **ASP.NET 3.5** / Microsoft Enterprise Patterns and Practices Framework/ **SQL Database**, **LINQ**, **WCF**.
* Responsible for **Database** design, and creating of Stored Procedures, triggers to perform the Data retrieval from multiple tables using SQL Database.
* Developed web pages using **Asp.Net**, **JavaScript** for Client-Side Validation.
* Developed GUI using **MS Visual Studio**, **.NET Framework**, **ASP.NET** **Web Forms** with **Ajax** **controls**.
* **Microsoft** **Azure** used to build our applications as a cluster that allocates a specific set of process and to secure the data in better way.
* Provide a common **Server-side** and **Client-side** transparent data manipulation **API** that can operate both inline and in an asynchronous fashion.
* Worked with GIT, CVS, SVN and Clear case for **version control**.
* Deployed applications into test and production environments by using web server (**IIS**).
* Implemented Core Business logic and Error Handling
* Used **ADO.NET** objects such as Data Reader, Dataset and Data Adapter, for Consistent access to **SQL** data source.
* Effectively used **jQuery** a concise **JavaScript** Library for traversing **HTML** document, event handling and **AJAX** interactions.
* Accessing personal data, benefits information, requests for PT and payroll, relieving HR from time-consuming data management using **HCM**.
* Developed Web User Controls and Custom User Controls to minimize code redundancy.
* Extensively used **ASP.NET** Grid View, Repeater, Details View, Tree View, Data List and Repeater controls for displaying the data in a clear format.
* Worked with ASP.NET Web Forms, State Management, caching features, configuring optimizations and securing the web application.
* To persist and transfer data between pages Session State, View State, Cookies and Query Strings were used.
* All the commonly used functions are written in a class file and calling those functions using inheritance.
* Developed **Unit Test** Scenarios and tested Test Scenarios in Web methods using **N-Unit**.

**Environment:** ASP.NET, C#, ADO.NET, Visual Studio 2010, .NET, Agile Model, Azure, TFS, LINQ, Web Services, SOAP, Silverlight, JavaScript, .NET Framework, Ajax, HTML, XML, IIS, SQL Server2005, MS-Access 2000, SQL server reporting Service, Windows XP/2003/2000/NT.

**Client: QVANTEL SOFTWARE SOLUTIONS, HYDERABAD, INDIA**

**Duration: Oct’2011 – Dec’2012**

**Title: Web/.Net/SQL Server Developer**

**Responsibilities:**

* Worked closely with end-users to understand their needs and consequently translate them to technical documentation.
* Designed and Create **databases**, tables, views, stored procedures and triggers.
* Created **ASP.Net** pages coded in **C#**, create multiple layers with defined roles (presentation layer, business layer and data layer, or more if necessary) and exchange information among them to increase the reuse of code. The **.net framework** 3.5 is being used on the company's projects.
* Involved in writing the Unit Tests for C# code of business logic in **Presentation Layer**.
* Created **.Net** pages using **LINQ and AJAX.**
* Maintained Classic **ASP pages** that run in the intranet.
* Highly used **T-SQL** for developing complex stored procedures, triggers and functions.
* Created indexes on tables for better performance.
* Modified **stored** **procedures** by using existing procedures.
* Created user-defined data types and add them to model database for future purpose.
* Implemented **Cascading Style Sheets** **(CSS), HTML** to attain uniformity of all web pages.
* Developed large numbers of **WPF Forms, Custom Controls** and **User Controls** using **XAML** language for UI, extensively used WPF for modifying, developing the Desktop AWARE Application.
* Used **MVP/MVVM** Design patterns for designing the application.
* Set up database backup and recovery procedures for production, development and staging.
* Created **XML's** by using stored procedures and user defined functions.
* Monitored and schedule jobs on production and staging environment.
* Implemented and introduce control process, security policies and procedures.
* Performed **Data** **Transfer**/**Migration** using Export/Import.
* Coordinated with .Net end in writing **stored procedures**.
* Created **Database** Maintenance Plans for Production and Staging Servers.
* Monitored Database Backups on daily basis and moving the Database backups to different Servers.
* Deployed database objects from **development**/**testing** **environment** to **production** **environment**.
* Responsible for keeping system and databases up-to-date by making necessary changes.
* Created logins and users as and when required with specific roles on production server.
* Implemented design review process for production databases.
* Responsible in gathering data for **Unit Testing**.
* Extensive **testing** of stored procedures and **triggers**.

**Environment:** Windows 2007, MS SQL Server 2008, ASP.Net, C#, .NET Framework, WCF, HTML, XML, CSS, .Net, MVVM, AJAX Toolkit, AGILE, WPF, WCF Services, PL/SQL, TSQL, ADO.NET