**SANDEEP RACHAMALLA**

**Sr.Net developer**

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**Professional Summary:**

* 8+ years of extensive experience in developing Client-Server and Web-based n-tier Architecture applications for windows and web based technology.
* Experience with all phases of SDLC in the Waterfall model and **Agile** (**SCRUM**) methodologies.
* Developed N-tier web applications **using Visual Studio 2008/2010/2012, C#, ASP.Net 3.0/3.5/4.0/4.5/5.0, ADO.Net, WCF, XML, SOAP, VB.net, Web Services, Web Forms, Win Forms, Microsoft .Net Frameworks**.
* Perform CORE DBA tasks such as Database Administration on Oracle 9i, 10g and 11g environments, performance tuning, Schema creation, maintenance, and troubleshooting.
* Proficient in Web Programming to enhance user experience and performance using **JavaScript, j Query, Knockout.js, EXT JS, AJAX, AJAX Toolkit and CSS.**
* Experience in developing applications using **ASP.Net MVC 4.0 Framework, HTML5, CSS 3.0** and **Entity Framework**.
* Hands on experience as DB2 DBA for mainframes and AIX environments DB2 DBA. Provided mentoring services in DB2 DBA, Data Modelling and Development.
* Work with API for anything from real IDX to social media integration.
* Hands on work experience in MOQ (Mock) unit testing framework using MVC 4.5.
* Experience in creating SQL Server objects like **Tables, Stored Procedures, Views, Indexes, Triggers, Cursors, user defined data types and functions.**
* Experienced in building sophisticated distributed systems using REST/hypermedia **web APIs** (SOA).
* Created Stored Procedures, PL/SQL statements, Functions to manipulate the databases
* Implemented **ADO.Net data access techniques** i.e. SQL Connection Objects, SQL Command Objects, Data Set Objects, Data Reader Objects and Data Adapter Objects using Data Grid and Data List in ADO.Net
* Extensively used **LINQ (LINQ to SQL, LINQ to XML), ADO.NET, Entity Framework** 4.0/5.0/6.0and **T-SQL** in developing **Data Access Layer**.
* Strong working experience in managing Security policies including **Authentication, Authorization, Identity, Encryption, Personalization, Membership, Roles, Profiles and Resource Access Control.**
* Software development experience spanning ASP.NET 2.0 to ASP.NET 4.5.1 in C# including high transactional enterprise.
* Experience with **Site Core 7.2 Content Management System (CMS)**
* **Extensive** experience with SQL Server, especially when using OR Mappers such as NHibernate and Entity framework with a code first approach.
* Extensive experience with development & deployment of **Web Services (SOAP, UDDI & WSDL), WCF services, SOA** and **MSMQ** using the .NET Framework 3.0/3.5/4.0/4.5.
* Utilized current and upcoming industry trends and practices to create **Sitecore** CMS websites.
* Worked on extensively on **Oracle, HTML, HTML5, GUI, PL/SQL, XAML and XML**.
* **Extensively worked on developing applications using ASP.Net MVC.**
* Worked on **CRYSTAL REPORTS** for managing business intelligence applications.
* Good experience with **MVP, MVVM, MVC and Singleton design pattern**.
* Good Knowledge on **Web API**, **WPF**, **Azure/Cloud,Silverlight** and Microsoft Dynamics

CRM.

* Good Experience with **WWF 3.0/4.0, Oracle and Log4net**.
* Managed and maintained Oracle and NoSQL databases in production domain.
* Good Experience with **IOC** (**Inversion of Control) and Dependency Injection.**
* Good Experience with **ACCUSOFT, REST.**
* Knowledge on **Telerik** third party controls.
* Worked on **DATA MODELS** for various information systems.
* Good Knowledge on **PowerShell** and**Angular JS.**
* Developed Single Page Applications using **Angular JS** and applied Bootstrap
* Good experience on **LOGICAL DATA MODULES.**
* Knowledge on **CMS (Content Management Systems),WCF.**
* Good knowledge on **FIRE BUG.**
* Experience in domains like **Manufacturing, Telecom, IT** and **Insurance.**
* Experience with **EntityFramework** approaches such as code-first and database-first.
* Edited and corrected errors in JQueryfunctions for improving performance of a page.
* Worked with IIS and Windows Server 2008 during application deployment.
* Proficiency with **Object Oriented Principles**, Concepts and Best Practices.
* Excellent in Communication and strong Presentation Skills, Leadership qualities, quick adaptability with team members and ability to work independently.

**Technology and Tools:**

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| --- | --- |
| Languages | ASP.NET, C#, VB.net, Java script, j Query, HTML, WSDL, C. |
| .Net Technologies | ASP.NET, ADO.NET, AJAX, C#.NET, Entity Framework 6.0/5.0/4.0, Web Forms, MVC based development, Crystal reports, Java script, j Query, TSF, CSS ,Data models, WCF, WWF, MSMQ.IIS, |
| Database | PL\SQL,SQL Server 2005/2008/2012, Oracle |
| Development Tools | Visual Studio 2005/2008/2010/2012, SQL Server Management Studio 2012/2008/2005. |
| OS | Windows 7/Vista/XP/NT/98, Windows Server 2008/2003. |
| Reporting Tools | SSIS, SSRS, Microsoft Reporting Services, Crystal Reports. |
| Hardware Exposure | System Integrating, Trouble Shooting, Handling of Intel 805X processors and programming them with C language. |

**PROFESSIONAL EXPERIENCE**

**Client:Invesco, Houston,TX Feb 13 – Present Role:Sr.NET Developer**

**Responsibilities:**

* Product development is an **Agile** (**SCRUM**) methodology, where progress and task assignment is discussed in everyday meetings.
* MVC (model-view-controller) architecture based development.
* Designed and developed **UI** using **ASP.NET 4.5, HTML, CSS, JQuery, JSON** and **AJAX**.
* Developed View-Models in order to restrict the controllers to control the dataflow between the model and view.
* Created Views and Partial Views – UI and middle tier for various modules using C#, **MVC 4** (Razor View Engine), AJAX, jQuery, HTML, CSS.
* Perform CORE DBA tasks such as Database Administration on Oracle 9i, 10g and 11g environments, performance tuning, Schema creation, maintenance, and troubleshooting.
* Prioritized tasks and assign to team members.
* Expert in TSQL DDL/DML, perform most of the SQL Server Enterprise Manager and Management Studio functionality using **T-SQL** Scripts and Batches.
* Software development experience spanning ASP.NET 2.0 to ASP.NET 4.5.1 in C# including high transactional enterprise
* Expertise in working with IBM MQ Series and Web sphere Message Broker on various platforms like Sun Solaris 8/9, AIX, SUSE Linux, and Windows NT/2000/2003/XP.
* Upgrading the application from C# 2.0 to 4.0, in three days. Currently in the design phase of an upgrade to ASP.NET MVC 4 and JQuery.
* Used **AJAX** for Partial Page Updating, **Invisible Data Retrieval**, Constant Updating, Smooth Interfaces, Simplicity and Rich Functionality.
* Work with engineering team to implement use of Rhino Mocks and Moq to convert integration tests into actual unit tests.
* Administered DB2 Z/OS for v 9.x/8.x/7.x/6.x on IBM mainframe and AIX DB2 environments.
* Object / Data Migration and authority profile from one DB2 subsystem to another.
* Developed and implemented social media plan and campaigns for organization.
* Created Forms that provide Asynchronous operations using **AJAX Helper Class** to provide functionalities like Partial Page Rendering, Client Side Validations, Error Handling and Auto Complete to optimize UI.
* Involved in **modules** like Collection, Beverage, Recipe, Ingredients, Dispenser.
* Developed good user interfacing applications using **WPF.**
* Work with API for anything from real IDX to social media integration.
* **SOA** Core Technology Stack Implementation confirming to Platinum availability SLA.
* Experience in working on bootstrap loader global CSS 3 settings and improve the html5 elements style behavior for the UI display.
* Used Validation Controls, CSS in Web Forms for frontend development.
* Developing a Conference Information System using **VB.NET** Windows forms (front end) and SQL Server 2005 stored procedures (backend).
* Created Performance Test service for performance analysis matrix for the SOA infrastructure for providing SLA (Service Level Agreement) to the consumers.
* A completely original approach to control validation that does not require per-control XAML, while still building on the extensibility of the WPF validation architecture.
* Experienced in building sophisticated distributed systems using REST/hypermedia **web APIs** (SOA).
* Managed and administered all NoSQL database systems using Azure table.
* Designed and developed UI using ASP.NET, HTML, CSS, JQuery and AJAX.
* Developed, coded and reviewed **Site core 7.2** CMS web programs. Re-use implementation code / customizations through modules (across multiple Coveo instances).
* Designed, tested, implemented and supported VB.NET-PL/SQL Oracle programs for payments processing, data analysis, QA and data mining.
* **Extensive** experience with SQL Server, especially when using OR Mappers such as NHibernate and Entity framework with a code first approach.
* Design of multiple **web APIs.**
* Implemented features in ASP.NET MVC application using NHibernate, Structure Map and JQuery.
* Designed an Enrollment UI for the project, where one can register with personal details.
* Designed the database structure for storing users’ personal information.
* Developed Single Page Applications using **Angular JS** and applied Bootstrap
* Experience in using **Angular.js 8**, ability to test views and able to do end to end unit testing. Also, using continuous integration.
* Developed style-sheets for UI design and layout.
* Used **AZURE** to provide a client-side managed class library which encapsulates the functions of interacting with the services and also Implemented **AZURE** to compute, storage, data, networking that help you move faster, do more and save money
* Used **MVC** and **MVVM** pattern.
* Used **WCF** for creating services for the application.
* Used **SOA** architecture for developing services.
* Worked with IIS and Windows Server 2008 during application deployment.
* Worked on cloud deployment using **Site core 7.2.**
* Developed **Windowsconsole** application and **MSMQ** to create bundle in **thread** queue.
* Client side validations were designed using Data Annotations and java script.
* Edited and corrected errors in JQuery functions for improving performance of a page
* Hands on work experience in MOQ (Mock) unit testing framework using MVC 4.5.
* Extensive experience on VB.net.
* Experience on data integration using **SSIS.**

Having Experience in Multi-Tier and Web Enabling the Legacy Systems with IBM web sphere MQSeries and Web sphere Message Broker.

* Building complex interfaces in the front-end using modern JavaScript tools such as **Knockout** and Backbone.
* Wrote database triggers in **T-SQL** to check the referential integrity of the database.
* Developed **Log4Net** for creating log files.
* Assessments are done with variable size payload, variable protocol combinations, Load testing (variable number of concurrent requests) using SOAP UI and Load UI.
* Experience with razor code in View pages.
* Designed class libraries for database connection using ADO.NET.
* Used Knockout.js, which communicated with a Restful web service.
* Used ADO.NET and related data objects such as Data Adapter, Data Reader, Data Set and Data Table for consistent access to SQL data sources.
* Used LINQ and **ADO.NET Entity Framework 5.0** for Database interaction.
* Created Stored Procedures, PL/SQL statements, Functions to manipulate the databases.

Used oraclein creating database and manipulating entries.

* Developed applications in **Test** driven environment using Unit testing
* Generate reports from wide range of **data sources.**
* Performing unit-testing on logics that are being built.
* Actively participated in project schedule, code reviews and deliveries.
* Deployed the application and components on the test and production servers.
* Used TFS for the purpose of project tracking and Source Control.
* I was sure to complete given tasks on or before the given time frame.

**Environment:** ASP.NET 4.0; C#; Web Services; WCF; MVC 4.0; WWF,LINQ; HTML; CSS; IIS, Visual Studio 2012; Pl/SQL, SQL Server 2008 R2; SQL Server Management Studio 2012; Entity Framework 5.0/6.0;AJAX; ADO.NET Framework; MVC Architecture; TFS,SSIS,WPF.

**Client:Common Wealth of Kentucky, Frankfort,KY Jan 12 – Feb 13 Role: Sr.NET Developer**

**Responsibilities:**

* Product development is an **Agile** (**SCRUM**) methodology, where progress and task assignment is discussed in everyday meetings.
* MVC (model-view-controller) architecture based development.
* Managed and maintained Oracle and NoSQL databases in production domain.
* Developed View-Models in order to restrict the controllers to control the dataflow between the model and view.
* Created Views and Partial Views – UI and middle tier for various modules using C#, MVC 3 (Razor View Engine), AJAX, jQuery, HTML, CSS.
* Implemented **Action Filters** to handle errors, **Vtfs**
* Designed VB.NET, VB6 and Excel user interfaces for ORACLE database.
* **validation & Authorization**
* Used **Bootstrap** CSS for front end design.
* Converted VB6 and C++ programs to VB.NET.

Participated in a fully scalable WPF based client/server brokerage application using C#, WCF, Entity Framework and SQL Server.

* Expertise in working with IBM MQ Series and web sphere Message Broker on various platforms like Sun Solaris 8/9, AIX, SUSE Linux, and Windows NT/2000/2003/XP.
* Reduced the **T-SQL** overhead successfully by avoiding unnecessary use of The UNION, statement & using the TOP operator to limit the Select Statement in certain Queries.

Proficiency in IBM Web Sphere Message Broker V6.0/6.1/7.0, IBM web sphere MQ and Message Broker installation, configuration and administration.

* Developed, coded and reviewed **Site core** CMS web programs, Shared Source library to distribute source code in its community.
* Developed **style-sheets** for UI design and layout.
* Involved in performance tuning of the database and **T-SQL** queries using Explain Plan.
* Routing messages to various protocol combinations including SOAP over HTTP, SOAP over JMS, MQ, Generic MQ, Restful HTTP Web Service bindings - For assessing the transformation and routing.
* Used **AJAX** for Partial Page Updating, **Invisible Data Retrieval**, Constant Updating, Smooth Interfaces, Simplicity and Rich Functionality.
* Interacting with client server admin team and educate the SOA functionality from configuration and maintenance point of view.
* Design and coding of Conversion of VSAM to DB2 for various programs.
* Creation of test databases/ Alteration of DB2 Objects.
* Designed an Enrollment UI for the project, where one can register with personal details.
* Used **Membership Provider, Role Provider & Profile Provider** to manage users and maintain their details.
* Used **AZURE** to provide a client-side managed class library which encapsulates the functions of interacting with the services and also used for both PaaS and IaaS services and supports many different programming languages, tools and frameworks, including both Microsoft-specific and third-party software and systems
* Developing multi-tier web applications with the use of Web Services using Nancy FX & ASP.Net W.
* Created Forms that provide Asynchronous operations using **AJAX Helper Class** to provide functionalities like Partial Page Rendering, Client Side Validations, Error Handling and Auto Complete to optimize UI.
* Created rich and interactive UI using WPF.
* Experience in using **Angular.js**, ability to test views and able to do end to end unit testing. Also, using continuous integration.
* Built dynamic web view applications using **ANGULARJS.**
* Implemented Query Expressions, Expression Trees to get the data from SQL and XML using LINQ to SQL and LINQ to XML.
* Experience in working on **bootstrap** loader global CSS 3 settings and improve the html5 elements style behavior for the UI display.
* Designed and developed **UI** using **ASP.NET, HTML, CSS, JQuery, JSON** and **AJAX**.
* Designed an Enrollment UI for the project, where one can register with personal details.
* Built an image asset library using **Knockout.js** and **Backbone.js** as part of the same overall project.
* Designed Log In, change password, forgot password UIs and their functionalities.
* Designed the database structure for storing users’ personal information.
* Used **MVC** and **MVVM** pattern.
* Worked on **WPF** for rendering user interface.
* Done extensive research on **Site core CMS**
* Developed **style-sheets** for UI design and layout.
* Edited and corrected errors in JQuery functions for improving performance of a page.
* Experience with razor code in View pages.
* Worked on data integration using **SSIS.**
* Worked on **logical data models**
* Used a registry key on the Microsoft Dynamics CRM Server to change the internal subnet of the IFD setting. Microsoft Dynamics CRM looks at the IP address so I planed the incoming request and, if this is in the internal range of the registry key, we promoted to a "Windows experience." If the IP address is external, it gives you an "IFD experience."
* Designed class libraries for database connection using ADO.NET.
* Used ADO.NET and related data objects such as Data Adapter, Data Reader, Data Set and Data Table for consistent access to SQL data sources.
* Used LINQ and **ADO.NET Entity Framework 4.0** for Database interaction.
* Working with QA team in automating SOA Testing.
* Created Stored Procedures, PL/SQL statements, Functions to manipulate the databases.
* Developed applications in **Test driven environment** using Unit testing
* Performing **unit-testing** on logics that are being built.
* Actively participated in project schedule, **code reviews** and deliveries.
* Deployed the application and components on the test and production servers.
* Used TFS for the purpose of project tracking and Source Control.
* Development process was swift in order to meet deadlines and I was very flexible with over time work.
* I was sure to complete given tasks on or before the given time frame.

**Environment:** ASP.NET 4.0; C#; Web Services; WCF; MVC 3.0; LINQ; HTML; CSS; IIS, Visual Studio 2010; SQL Server 2008 R2; SQL Server Management Studio 2008; AJAX; Entity Framework 4.0; MVC Architecture; TFS , VB.net ,SSIS;WPF,ANGULARJS

**Client:Hcentive, Lakewood, CO Jan 10 – Dec 11 Role: .NET Developer**

**Responsibilities:**

* Worked in close quarters with clients in order to gather the requirements. The requirements were dynamic i.e. changing from time to time rite from search queries of the customer till the customer representative notes and in Rating module the logic and schema of the business layer had to be changed and updated frequently.
* MVC (model-view-controller) architecture based development.
* Share site's existing libraries with Covelo (JQuery, handler bars, etc.) by using **Site core**
* Designed and developed NoSQL solutions for all users along with **Azure** tables.
* Developed View-Models in order to restrict the controllers to control the dataflow between the model and view.
* Increase page-speed by loading all JavaScript asynchronously. Simplify implementation by explicitly declaring dependencies by using **Site core**
* Created Views and Partial Views – UI and middle tier for various modules using C#, **MVC 3** (Razor View Engine), AJAX, jQuery, HTML, CSS.
* Designed and developed UI using ASP.NET, HTML, CSS, JQuery and AJAX.
* Exception handling functionalities were embedded into the business logic layer with C#.NET as code behind.
* Was involved in all stages of Software Development Life Cycle including Analysis, Design, Coding, System Tests, Installation and Maintenance.
* Client-Side validations were used as validation controls and java scripts were coded for functionalities at client-side.
* Master Pages were used to achieve uniformity in the entire application and CSS were used for theming the pages.
* New Assemblies were developed to implement various functionalities in the Business Logic using C#.NET.
* Created services using **WCF** over HTTP and TCP/IP protocols.
* Extensive experience on data integration using **SSIS.**
* Developed good user interfacing applications using **WPF.**
* Developed web applications using **ANGULARJS**.
* Used ADO.NET and related data objects such as Data Adapter, Data Reader, Data Set and Data Table for consistent access to SQL data sources.
* Used LINQ and **ADO.NET Entity Framework 4.0** for Database interaction.
* Microsoft Dynamics CRM looks at the IP address so I planed the incoming request and, if this is in the internal range of the registry key, we promoted to a "Windows experience." If the IP address is external, it gives you an "IFD experience."
* Created Stored Procedures, PL/SQL statements, Functions to manipulate the databases.
* SQL queries were written using joins on multiple tables into stored procedures.Functions, Triggers and Indexes were also used for achieving few database search functionalities.
* Developed Web user controls for reusing controls in multiple web pages.
* Used TFS for the purpose of project tracking and Source Control.
* Explained the developed business functionalities and objects using use-case diagrams.
* Worked on developing SSRS reports for generating different types of reports.
* Performed several unit tests and integrated tests and also prepared user document related to the module.
* Used bugzilla and **TFS**(forlimited timeperiod)to design, format code and find bugs respectively.

**Environment:** ASP.NET 3.0; C#; Web Services; MVC3.0; WCF;WPF; HTML; CSS; Visual Studio 2010; SQL Server Management Studio 2008; SSRS; Entity Framework; TFS;SSIS;ANGULAR

**Client :HDFC, Hyderabad, India July 06 – Dec 09 Role: .NET Developer**

**Responsibilities:**

* Interacted with business analysts in gathering the requirements for the application.
* Designed and Developed the Application using **ASP.NET.**
* Created **Web Forms** using **C#.Net and ASP.NET** with Visual Studio 2005.
* Used HTML, DHTML, Cascading Style Sheets, JavaScript and .Net Validation controls.
* Designed user **interfaces** for the web using **XHTML**.
* Created and validated **Web Pages** (Master pages, themes, and Site navigation maps) by using AJAX.
* Used **Cascading Style Sheets (CSS)** to accomplish uniformity of all web pages.
* Managed **session state** using SQL Server.
* Involved in writing the code for the application, Exceptions, Tracing the errors and bug fixing.
* Used **ADO.Net** for database connectivity and retrieving data from **SQL server**.
* Used **Dataset, Data Reader, Data Adapter classes** of ADO.NET to communicate with SQL Server.
* Developed application by implementing **Model View Control (MVC) design** patterns.
* Used **JavaScript, j Query** for client side animations and validations.
* Developed SQL stored procedures for data manipulation and querying data from SQL server and involved in UNIT testing.
* Worked with **Web controls, User controls and Custom controls.**
* Used SMTP mail class of .NET for the users to send mail with suggestions, receive any alerts, receive confirmation notice etc.
* Developed custom ad-hoc reports by using **SQL Server Reporting Services (SSRS).**
* Used **Team Foundation Server (TFS)** for source control and management.
* Involved in unit testing and integration testing of the Application.

**Environment:**C#.NET, ASP.NET 2.0, ADO.NET, AJAX, HTML, JavaScript, j Query, CSS, MVC, TFS, SQL Server 2005, Visual Studio 2005, SSRS, IIS, Windows XP, Unit testing.