**SINDHU REDDY K**

**Senior .NET Developer Contact: 409-344-0805**

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## PROFESSIONAL SUMMARY:

* About **7 years** of IT experience with exceptional skills in all phases of software development life cycle (SDLC) and involved in Analysis, Design and Development of high scalable Multi-tiered Web Applications,Distributed Applicationsand **Web Services** based on **Microsoft .NET technologies.**
* Proficient in using Microsoft.NET Framework 4.0/3.5/2.0, **C#, ASP.NET,** **IIS**, **ADO.NET**, **Web Services, VB.NET**, Windows Forms, WPF, XML, HTML.
* Excellent skills in debugging and troubleshooting various computer network related problems.
* Sound understanding of PC installation and various hardware vulnerabilities and provide quick solution to resolve them.
* Expertise in developing Web Services using **WSDL, SOAP** and **UDDI.**
* Solid Understanding of financial concepts – equities, fixed income securities, derivatives, options, futures & commodities. Ability to track projects from inception to deployment.
* Good understanding of enterprise level applications and very good understanding of **Service Oriented Architecture (SOA)**.
* Expert in creating **WebForms, WinForms, User Controls, Customs Controls.**
* Development experience using **Visual Studio.Net, Visual Source Safe, Team Foundation Server.**
* Experienced in Database Design and Development using MS SQL Server, MS Access & Oracle.
* Experienced in designing and developing reports using **MS SQL Server 2000/2005/2008** Reporting Services, **LINQ to SQL** and expertise in creating reports using crystal reports.
* Have good working knowledge on web technologies like **HTML, XHTML, DHTML, XML, XSLT** and **JavaScript**.
* Expertise in **OOAD** (Object Oriented Analysis and Design) concepts using **UML** and also experienced with **OOPS.**
* Ability to function in a small team where team members typically have multiple responsibilities from development, debug to benchmarking.
* Self-motivated with strong interpersonal, written/oral communication skills and capable of working independently as well as in a team.

## TECHNICAL SKILLS:

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| Languages: .Net Framework 1.1/2.0/3.0/3.5/4.0/4.5, C#, ASP.Net,  ADO.Net, VB.Net, C, C++.  Databases: Oracle 8i/9i/10g, LINQ to SQL, SQL Server  2000/2005/2008, T-SQL, DB2.  Reporting Tools: MS Access, MS Excel, Crystal Reports.  Tools: Visual Source Safe, Rational Clear Case, IIS, Rational  Rose, Web parts, MS Team Foundation Server.  Methodologies: OOAD, OOPS, UML.  Microsoft technologies: Web services (Soap), WCF, WPF, and MVVM.  Web Technologies: AJAX, XML,XAML, XSLT, HTML 5, Java script, jQuery,  CSS, AGILE. |

## EDUCATIONAL QUALIFICATION:

* Bachelors in Electronics & Communication Engineering.

## PROFESSIONAL EXPERIENCE:

## Client: Microsoft, Washington August 2013 - December 2013 Project: Spikard-M, Microsoft Dynamics AX Retail

## Role: SDET

**Description:** Microsoft Dynamics AX Retail project involves automating the test cases written by a third party which was acquired by Microsoft. A new module called as “Call Center” is added to Dynamics AX 2012 which is about providing service to various customers. We have a pre-defined test cases which covers different areas like:  Sales Order Management, Customer Service, Catalogs and Promotions, Payment.

**Responsibilities**:

* Exposure in interacting with clients to understand their specifications & customize solutions to meet the requirements.
* Manual and Automation testing of “Microsoft Dynamics AX 2012” by developing automation code in **Visual Studio 2012**.
* Extensively worked with **Multi Channel Retail** module in Microsoft Dynamics AX 2012 which include the features like Catalog and promotions, CRM, Call Center order entry, Payments, Customer service and Order Management.
* Knowledge on **Tasker deployment** and Manual deployment, also investigated the errors which were raised during deployment process.
* Experienced working with **Ax Proxies** and **BAL** (Business Abstraction Layer) which can dramatically reduce code redundancy and improve maintainability.
* Expertise in Microsoft testing tools like **Windows Test Technologies (WTT)**, **Test Explorer** and **Test Services**.
* Used WTT to load and test over 300 manual test case collections.
* Worked on Configuration Management tools like **Source Depot**.
* Have knowledge on managing theweekly **TAE (Test Automation Execution)** runsand publishing the results after detailed analysis.
* Experienced working on Failure Analysis which needs investigation and debugging the failed test cases.
* Worked with **TFS** (Team Foundation Server) for the source control, data collection, reporting and project tracking.
* Guiding the team for Automated Manual Testing, Coded UI Testing and improved the code by following best practices which tends to use minimal efforts while debugging.
* Participated in gathering the Test Data requirements and also involved in Test Automation Code Review process.
* Reported new bugs, resolved and closed the existing ones with respect to the product testing.
* Responsible for **Stabilization** (Code Freeze) before the Release.
* Coordinating onsite and off-shore team members in daily sync up calls and updating status to the clients.

**Environment:** .NET 4.0/4.5, C#, MS Visual Studio 2012, Microsoft Dynamics AX 2012, MS SQL Server 2012, Microsoft WTT 2.6, Test Explorer, Test Services, Bugger.

## Client: Common Wealth of Kentucky, Kentucky July 2012 – July 2013

## Project: KASPER

## Role: Senior .NET Developer, Programmer Analyst

**Description:** The(CHFS) is home to most of the state's human services and health care programs, including Medicaid. KASPER tracks controlled substance prescriptions dispensed within the state by the pharmacists and authorized medical practitioners. Health Information Designs (HID) serves as the data collection agent for CHFS. Web based report is generated by KASPER which shows all scheduled prescriptions for an individual over a specified time period, the prescriber and the dispenser.

**Responsibilities**:

* Involved in System Study, **Requirement Gathering** andInvolved in extensive **interaction with users.**
* Designed presentation layer for dynamic web forms using ASP.Net 4.0 Framework, **DHTML, CSS** and Visual Studio tools.
* Developed solutions for diverse programming scenarios in C#, employing object oriented programming concepts.
* Created **Win Forms** in **C#.NET** which helped user operations like view, save and delete information.
* Worked with different controls for building rich user interface in Windows Presentation Foundation (**WPF**) using XAML.
* Created cross browser compatibility templates using **Cascading Style Sheets (CSS)** to format the data.
* Developed various forms using **AJAX Extended Controllers** and created **XML documents** for embedding data into the controllers.
* Developed the Expert advice Web User Interface using **AJAX** technology to enhance the visual appearance to avoid the flickering effects across server post backs.
* Implemented Data Grids for displaying data and editable Data Grids for data manipulation in the presentation layer using HTML, Server Controls and C#.
* Rendered XML document to an HTML using **XSL** and **XSLT** Transformations.
* Developed Web Services for Provider Enrollment using **WCF** technology.
* Used **ADO.NET** extensively for retrieving, querying, storage, and data manipulation for achieving continuous database connectivity.
* Responsible for deciding the requirements, database design, some of the project management tasks, and implementing the stored procedures.
* Experience in writing **SQL** data objects.
* Worked with **triggers,** **stored procedures** using **T-SQL**.
* Worked with Language Integrated Query (LINQ) to query the data against the database ( LINQ to SQL), dataset (LINQ to dataset), xml (LINQ to XML).
* Worked on migrating projects from .Net framework 2.0 to .Net framework 4.0 (Visual Studio 2003 to Visual Studio 2010).
* Consulted with management and developed several **SOA** processes and data management tasks related to the project, while developing all phases of the application.
* Used Agile (Scrum) Methodology during implementation.
* Involved in all phases of **SDLC** (Software Development Life Cycle) life cycle.
* Interacted with QA lead in setting up the environment for testing and co-ordinate with the release team**.**
* Documented business workflows textually as well as in **UML diagrams.**
* Involved in Documentation, Unit and Integration Testing and Debugging.

**Environment:** ASP.NET 4.0, C#, MS Visual Studio 2008/2010, ADO.NET, MS SQL Server 2008, SSRS, SSIS, LINQ, Microsoft Office 2010, Winforms, Web Services, SOAP, WCF, Crystal Reports 10, JavaScript, Jquery, Scrum, MVC 4, AJAX, TFS, SDLC, XML, XSLT, DHTML, HTML 5.

## Client: Admiral Insurance Company, Atlanta, GA. October 2010 – June 2012

## Project: VHBS, VIQS

## Role: ASP .NET Developer, Application Developer.

**Description:** Admiral Insurance Company provides excess and surplus lines coverage to commercial risks that generally involve moderate to high degrees of hazard. VHBS (Vehicle House Broker System), VIQS (Vehicle Insurance Quote System) is an auto insurance integrated application used by clients or potential clients to instantly obtain motor quotes on-line. VHBS is used by the employees to add new clients, manage existing clients, take the on-line quotes and generate reports.

**Responsibilities:**

* Developed GUI using .Net framework 3.5 and responsible for creating components using C#.Net.
* Web Forms are developed using **VS-2008, ASP.Net** and **C#.**
* Extensively used OOPS concepts in developing code in C#.
* Worked on **MVVM** commands to access the data through Data Access Layer from View Model.
* Extensively used splendid grids, data list and repeater controls.
* Developed custom controls and used validation controls available in .NET environment.
* Extensively worked with the java script and jQuery in client side validations.
* Implemented basic and advanced search generically to populate in list views of all the modules.
* Created splendid dynamic and splendid grid classes to generate controls dynamically.
* Implemented export functionality for all the list views which have capability of exporting the records into word, excel, pdf.
* Implemented Service Oriented Architecture (**SOA**) for manager call tracking module.
* Sessions and View state objects were used to store the state of the user.
* Created and maintained the Admin page for central management of the application.
* Used Subversion as a data storage back end for updating and committing the code into the system.
* Involved in **Database Design** of the application, creating **Complex Queries,** **tables** and **indexes** and wrote **stored procedures, triggers** using SQL Server 2008 and T-SQL.
* Worked on Relational Databases such as SQL and Microsoft Access.
* Created tables, views, stored procedures and functions to manipulate data.
* Expertise and experience in performing different kinds of testing like Smoke, Black Box, White Box, GUI, Stress and User Acceptance (UAT) of Web and Client/Server Applications.
* Implemented **Agile Scrum** methodology for the business modeling.
* Involved in the production support for Vehicle Insurance Quote System (VIQS).
* Gathered user requirements by interacting with users and prepared **Software Requirements Specification** (**SRS**) and other supporting documents.
* Performed debugging and exception handling in support to the software development.
* Used Bug Tracker open source software to keep track of bugs.
* Involved in UI build release, defect and bug fixing.

**Environment:** Visual studio 2008, .Net Framework 3.0/3.5, C# .Net, OOPS, MVVM, ASP.Net, ADO .Net, CSS, Java Script, JQuery, HTML, TFS, SQL Server 2005/2008, T-SQL, SSRS, SSIS, AJAX, IIS 7.0, WCF.

## Client: Cardinal Health, San Diego, CA. September 2009 – September 2010

## Project: e-Biodata

## Role: Senior .NET Programmer.

**Description:** e-Biodata is a “Biotech R&D Data Management & Analytics Tool” which is primarily used in the Biotech Industry as a “Laboratory Information Management Systems (LIMS)”. This is one of its kind products in this category. It is aimed to address the needs of Molecular Biology, Upstream, Downstream, Formulation, Quality Control, Quality Assurance & Regulatory Affairs divisions of any typical Biotech Company. This system allows the access of the resources based on the role assigned to the user Head, Product Manager, Manager for each Department, and Analyst & Associate under each department manager. Each level of the hierarchy has permissions ranging from Entering, Viewing, Editing and Analyzing the Data.

**Responsibilities:**

* Involved in understanding Existing Applications and Reviewing Requirements, Use Cases with Business Team and implementing and prioritizing the tasks as per Business Requirements using the **Agile** Methodology.
* Involved in designing **Security and Shared Services (Excel and InfoPath form)** for different sites according to different department and activities.
* Implemented **MVC** pattern in the application development.
* Designed Web Forms, User Controls, and AJAX Web forms using **ASP.NET 3.0/3.5.**
* Extensively worked with ASP.NET Web Site Administration Tool to create **Roles, Login Controls, Authentication and Authorization** for Site Security.
* Created and used **user controls** and **custom controls.**
* Created and consumed **web services**.
* Designed and developed User Interface for Patient Billing, Prescriptions and Collections.
* Designed and coded the Winforms to do analysis on existing XML files.
* Designed GUI using C# and WPF.
* Designed Rich UI using bindings in **WPF.**
* Designed and Implemented **Web Services** and hosted on **IIS Server** to expose user authentication with Unified Access Request System.
* Implemented **SOAP protocol** in Web Services.
* Involved in developing **custom user controls** to reduce the Complexity in UI Coding and made it look better and simple.
* Implemented AJAX and used Ajax control library toolkit to improve performance and features of application.
* 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 manipulation to store data.
* Developed many **SQL queries** to fetch data as per the business requirements with tuning techniques.
* Developed **Stored Procedures**, **Triggers**, and **Views** in the SQL Server 2008.
* Worked on creating and scheduling of **T-SQL** jobs to run daily.
* Generated reports using **SSRS** and integrated with web application.
* Used Microsoft **Visual Source Safe (VSS)** for source access management.

**Environment:** Visual Studio.NET 2008, ASP.Net, C#, JavaScript, ADO.Net, SQL Server2008, T-SQL, SSRS, MVC 3, WPF, MVVM, WCF, VSS, IIS 6.0, Web Services, XML, SOAP, UML.

## Client: Principal Financial Group, Des Moines, Iowa January 2009 – August 2009

## Project: FSM

## Role: System Analyst, senior .NET Developer.

**Description:** The Principal Financial Group is a leading global financial company offering businesses, individuals and institutional clients a wide range of financial products and services. Financial Security Management (FSM) is a web application designed for giving authorization to users. The application is designed in a way that the administrator can assign multiple functional accesses to any user. This product provides the seamless integration of the data across the departments simultaneously and restrict the access/editing capability based on the role.

**Responsibilities:**

* Involved in **SDLC** documentation, Development and Unit Testing of the application.
* Developed the Application using **C#.Net** and Oracle as the Backend.
* Created WinForm Applications with significant bussiness logic using different controls.
* Version control using IBM Clear Case.
* Involved in writing queries, stored procedures and functions using Oracle SQL Developer.
* **ASP.Net** is used for the front end User Interface, ADO.Net for the database connections.
* Worked with WCF for the communication between the UI and Services.
* Used **MVC 3** Framework for part of the application to display product catalogs and categories.
  + Developed Test Cases and implemented unit testing of various modules and also managed code in **VSS**.
* Development using C#.NET to incorporate business logic & implemented back-end connectivity using **ADO.NET**.
* Involved in analyzing and designing various modules along with modified existing requirements to represent the design of the system using **UML**.
* Implemented securities like Authentication and Authorization using Form-based & Window-based authentication.
* Created Server Controls, User Controls, Validation Controls and Custom Controls using ASP.NET
* Performed Database operation-Inserting data, fetching of data and displaying on web controls through **XML**.
* Done various enhancements in **XML** processing using **XML Reader**, **XML Writer** and also used **XSLT** to transform xml data files to HTML format to verify the data loaded into the system.
  + Involved in testing, packaging and deployment of the project on the Production Environment.
  + Involved in analysis of functional requirements and designing of system.
* Involved in development of Test Cases for Unit Testing.
  + Used **HP Quality Center** for Bug Tracking.
  + Performed Root Cause Analysis for some of the major issues and provided extensive support in SIT, UAT and PILOT Testing.

**Environment:** .NET Framework 3.5, C#, Winforms, ASP.NET, ADO.NET, VB6, MVC Framework 3.0,  Clear Case, Agile/Scrum, Web Services, Oracle 10g, SQL Developer, SSRS, SSIS, HP Quality Center.

## Client: Johnson Controls, Greenville, Wisconsin September 2007 – Dec 2008

## Project: e-Maintenance

## Role: .NET Developer

**Description:** “e-Maintenance” software takes care of all the equipment’s related to administrative needs of R&D lab and production department. This “e-Maintenance” software helps in managing equipment & spares raise breakdown complaints, update services and order spares. This also helps to track the Annual Maintenance Contracts (AMC) and Calibration schedules for equipment’s.

**Responsibilities:**

* Involved in complete design and development of the application.
* Developed web pages and code behind files using **C#**.
* Worked on various OOPS concepts like Inheritance, Polymorphism, and Encapsulation.
* Design and development of class libraries in business tier in **C#.**
* Implemented transactions using **ADO.NET** objects.
* Developed Stored Procedures, Functions, Views, and Triggers in **Oracle**.
* Developed sequence diagrams and class diagrams using **UML** methodology.
* Involved in developing the Front end GUI with ASP.NET.
* Involved in the Design of the Application using **ASP.Net**, Entity Framework, and LINQ to SQL.
* Used **Agile scrum** methodologies for development cycles in multiple sprints.
* Developed a Module that enables the administrator to provide access rights to users based on their credentials.
* Involved in **web service** integration with other systems.
* Involved in database activities like designing tables, writing stored procedures, functions, queries in the application.
* **Communicated with many groups in order to integrate the new enhancement into the regular flow.**
* Participated in design reviews, test case reviews, code reviews and testing.

**Environment:** Visual Studio.NET (C#, ADO.NET), OOPS, Oracle, LINQ, AGILE, Rational Rose 2003.

## Client: SB Global Info Soft, India. October 2006 – July 2007

## Role: .NET Developer.

**Responsibilities:**

* **Preparation of architectural designs for each of the components that were assigned for development.**
* **Responsible for designing, developing and testing the Due Date Module using ASP.NET, HTML, CSS, JavaScript and SQL Server 2005 as database.**
* **Vacation Services Module was designed developed and tested using C#.NET, HTML, CSS, VBScript, JavaScript and SQL Server 2005 as database.**
* **Product Report tool was designed and developed using ASP.NET, XHTML, HTML, JavaScript and SQL Server 2005 as database.**
* **Development of prototypes using various tools.**
* **Most of the internal structure uses XML for generating input/output.**
* Fetched data from database and displayed in web controls (Tree View, Menu) through **XML**.
* Used XML, XSD, and ADO.NET for data handling.
* **Created type libraries from the existing C# dll’s and these dll’s are consumed in the Middle Tier Architecture.**
* **Gave extensive production support.**

**Environment:** C#.Net, ASP.NET, Microsoft Visual Studio, SQL Server 2005, HTML, CSS, JavaScript, VBScript, XML, Microsoft Visual Source Safe and Windows XP.

\*\*REFERENCES AVAILABLE UPON REQUEST\*\*