**KUNILA REDDY**

**Full Stack .NET Developer**

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**SUMMARY:**

* Over 7+ years of experience in all phases of software analysis, **design**, **development**, Integration, Implementation of various Client/Server, Internet, Intranet, **Windows**, and **Web-based applications** using SOA and **n-tier Architecture**.
* Extensively used Microsoft Technologies including primary skills like **C++, C#, ASP.NET, VB.NET, Win Forms, ADO.NET, Entity Framework, LINQ, XAML, Web Services, ASP.NET MVC 3/4/4.5/5/6, Silver light, RESTful, WCF, WPF, XML, XSD, XSLT, SOAP.**
* Expertise in **AngularJS controllers**, directives, components, factory and service resources, routings, and events. Expertise in DOM manipulation using **JavaScript, JQuery and AngularJS1&2.**
* Strong experience in **Agile/Scrum** software development, **Test Driven Development,** and Continuous integration, conducting Code/Test Case review meetings, participated in daily scrum meetings.
* Extensive experience in complex & dynamic presentation layers using **CSS, CSS3, HTML, HTML5, DHTML**, **XHTML**, **Themes, Skins, Master Pages,** client-side scripting using **JavaScript, jQuery, Backbone JS, Node JS, React js and AngularJS.**
* Strong in designing ASP.NET based Graphical User Interfaces with CSS, JavaScript, typescript, Multi- threading and HTML, Angular JS, React JS, and Power shell scripting.
* Have good hands on experience in **Design Patterns** and **SOLID principles.**
* Experience in Developing **WPF** modules using **PRISM**, **MVVM** (Model-View-View Model) pattern.
* Good working experience on **LINQ to Objects, LINQ to SQL, LINQ to XML, Prism and MVVM framework**.
* Developed n-Tier applications using ASP.NET Web Forms, **ASP.NET MVC Framework (Razor/ASPX engine)** using features like URL routing, View Models, HTML helper classes, Data Annotations etc.
* Extensive experience with development & deployment of **Web Services (SOAP, UDDI & WSDL).**
* Proficient in using XML related technologies including XSD, XSLT, XSL and XPATH.
* Excellent experience in implementing **WCF**, **Web API**, **Restful** Services which communicate data in both XML & JSON.
* Experience in designing rich interactive **WPF** applications in **XAML** using MS Visual Studio.
* Used **Telerik UI/Kendo UI/ jQuery UI** controls for building high quality windows/web applications. Controls.
* Experience working with workflows and SharePoint designer 2010.
* Experienced in implementing .NET security features such as Authentication (Windows-based Authentication, Forms-based Authentication) and Authorization (Authorizing Users and Roles).
* Good Experience with Unified Modeling Language(UML) standards and documentation and experience in preparing Use Case Diagrams, Class Diagrams, Sequence Diagrams, and Activity Diagrams using design tools such as Microsoft Visio.
* Have good hands on experience in Linux.
* Proficient in writing complex database queries, Stored Procedures, Views, Functions, Indexes, and Triggers using **MS SQL Server, T-SQL, SQL Server 2005/2008/2010/2012/2014, Oracle and MS Access**.
* Extensively worked on Backend Programming using **PL/SQL,** Stored Procedures, Functions, Packages, Database triggers for Oracle and also SQL queries and scripts.
* Expertise in enhancing and deploying the **SSIS** Packages from development server to production server.
* Experience in developing, monitoring, extracting, and transforming data using DTS/SSIS, Import Export Wizard, and Bulk Insert.
* Designed and Developed **Crystal** **Reports** such as List reports, Parameterized, Mail Label, Cross tab Reports using the base tables, Views, Commands, involving Formulas, Subtotals, Running totals and Sub reports.
* Hands on experience in **Team Foundation Server-TFS, Git, SVN and Visual Source Safe (VSS).**
* Experience in report writing, writing expressions in **SSRS** and Expert in fine tuning the reports using SQL Server Reporting Services (SSRS) and creating various types of reports like drill down, Parameterized, Cascading, Conditional, Table, Matrix, Chart, and Sub Reports.
* Expertise in writing test plans covering all the possible scenarios and automate them at all levels of testing.
* Preparing technical documentation such as system architecture, functional, design documents.
* Experience in implementing .NET Security Model using Role Based security and Code access security and Code access security.
* Experience in production support, ITSM, Problem Ticket, Problem Review Board/Meeting, Service Request, Change Request, Incident, Remedy, and Heat Front Range.

**EDUCATION:**

* Bachelors in Engineering, India.

**EXPERTISE:**

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| **.NET Technologies & Languages:** | .NET Framework, C#, VB.NET, ASP.NET, ADO.NET, Web Services, WPF, WCF, LINQ, MVVM, WWF and Win Forms. C#, C++, Visual Basic 6.0, SQL, Entity Framework, PL/SQL, T-SQL, ASP.NET MVC 3/4/4.5/5/6, XAML, Classic ASP, Kendo UI, Telerik. |
| **Databases:** | SQL 2014/2012/2008/2005/2000, PL/SQL, Oracle. |
| **Web Technologies**: | HTML, HTML 5, CSS, CSS3, AJAX, JQuery, JavaScript, AngularJS1&2, JSON, WEB API, XML, XSL, Silverlight, Backbone JS. |
| **Web Servers:** | IIS 5.0/6.0/7.0/8.0. |
| **Web Page Editors:** | Visual Studio .NET 2015/ 2013/ 2012 / 2010 / 2008. |
| **Operating Systems:** | Windows 7/XP, Windows Server 2012 R2. |
| **Version Control Tools:** | VSS, SVN, TFS, GitHub. |
| **IDE and Tools:** | Microsoft Visual Studio. Net 2012/2010/2008, MS Office, Microsoft Visio 2003, SQL Profiler, MS SQL SERVER, N SERVICE BUS, Linux. |
| **Software Packages:** | MS Office, MS FrontPage, Microsoft Visio 2007, SharePoint 2010, MS Excel. |
| **Reporting Tools:** | Crystal Reports, SSRS, SSIS. |

**PROFESSIONAL EXPERIENCE:**

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| **Client** | Reynolds American Inc., Winston-Salem, NC |
| **Title** | SR.Net Developer |
| **Duration** | July2017 – Till Date |
| **Project** | Event Management |

**Project Description:**

R.J. Reynolds Tobacco Company is the second-largest U.S. tobacco company. The company's brands include Newport, Camel, and Pall Mall. This Project is aimed at developing a web application for the Reynolds to help users manage various events throughout the year.

**Responsibilities:**

* Created an Events application for Stores, venues, Events Managements.
* Participated in various client meetings with the team and the Project manager to discuss about Enhancements/ amendments in the development of the project.
* Attended weekly Status Meetings, Sprint planning and Code reviews.
* Developed the application using C#, ASP.NET MVC, Angular JS and WEB API.
* Used MVC5 framework to route URL to controller classes, define custom routing rules in the route table. Routes collection to determine the appropriate controller to handle the request.
* Experience in the development of **models**, **views,** and **controllers**.
* Developed dynamic web pages for Application using ASP.NET MVC, CSS3, HTML5, JavaScript, AJAX, JQgrid including jQuery library.
* Implemented **Angular2 JS** controllers, factories, services, directives, filters to build key functionalities like creation of events, tracking, approvals and scheduling of events.
* Used **JQgrid**/**JSON/AJAX** and Custom HTML Helper Classes to implement asynchronous calls to the server to update the changes.
* Used jQuery multiselect, date picker, JQgrid and for the client-side functionalities and implemented jQuery AJAX to connect to the Controller.
* Implemented **LINQ** for querying, sorting, filtering the complex data objects.
* Heavily used JQUERY UI to create various components such as Tabs, Accordions, Auto-Complete, etc.
* Extended the default functionality of JQUERY UI components to create custom features - such as new tab open/close, auto-complete loader messages, etc.
* Created various data base objects like **Stored** **Procedures**, triggers, Views, Indexes, tables etc. in **SQL Server 2012**.
* Worked on SOAP Web services using **C++** in multi-threaded application development processing XML requests.
* Responsible for developing the client application using **C++.**
* Written JavaScript to parse the **C++** header files having structure definitions and auto generate code.
* Implemented **Web API** restful services.
* Developed new user interface components for different modules using Kendo UI with various controls including Grid controls, and chart controls etc.
* Using ADO.NET Entity Data Model in retrieving data using LINQ to SQL and LINQ to Objects with ASP.NET, worked with the database using LINQ to SQL.
* Performed unit testing on every new version before sending it for **User Acceptance Test (UAT).**
* Involved in PL/SQL code review and modification for the development of new requirements.
* Designed and developed different type of reports including Drill through repost, Sub reports, Drilldown reports based on business requirement using **SSRS**.
* Analyzed old reports designed in crystal reports and transform those reports into SSRS report with proper mapping and error handing.
* Designed SSIS Packages to transfer data from flat files to SQL Server using Business Intelligence Development Studio.
* Troubleshoot the existing PL/SQL procedures, functions, triggers and worked on enhancing the performance of the queries.
* Deployed in Linux based hosting.
* Devised data structures & protocols based on SOLID principles.
* Involved in development of Web Forms, classes using ASP.NET MVC that incorporates both N-Tier Architecture, and Database Connectivity.
* Effectively fixed the defects founded during functional testing phases.
* Along with other Sr. Programmers, made regular recommendations on tools and technologies.

**Environment:** Visual Studio 2015, .Net Framework4.6, MVC5, Entity Framework6, Angular2JS, ASP.NET MVC, SQL Server 2012, Windows 7, Windows Server 2012, Design Pattern, C++, Kendo UI,LINQ to SQL, SSRS, SSIS, MS SQL, Ajax, CSS3, HTML5, jQuery, JavaScript, JQuery, VB.NET, Bootstrap, Linux , Solid Principles, JQgrid, Json.

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| **Client** | The Clearing House, Winston -Salem, NC |
| **Title** | SR .Net Developer |
| **Duration** | Dec2016 – June2017 |
| **Project** | Names and Address Systems Programs used by Bank |

**Project Description:**

Worked on two Projects – EBIDS – Manages the ACH Check processing (Public, Bank) and CHIPS (The project is mainly involving in storing the data of Bank Names, Payment Methods, Payment Demand, and Reports).

**Responsibilities:**

**CHIPS PROJECTS: It’s a Windows/Desktop Application.**

* Gathered requirements from Business Groups and Clients.
* Developed and Enhanced the Windows Applications using **C#**
* Develop **WPF** applications using DataGrid/User controls; Custom controls UI Styling using styles, triggers and Data/Control Templates.
* Designed the application using **PRISM**, **MVVM**, **Dependency Injection** framework in developing robust lightweight UI applications.
* Designed and developed Rich presentation tiers using Silverlight for Web and **WPF** for windows with XAML, and Expression Blend with C#, .NET 4.0 and VisualStudio.NET 2012 and leveraged Silverlight features such as Styles, Animations, Story Boards, Path objects, Resource files, Control Templates, Data Template with **Prism** and **LINQ**.
* Implemented dependency properties to develop custom controls, used Themes/Generic. XAML to define custom UI Properties and developed reusable user controls using Expression Blend, **XAML**, **C#, .NET 4.5** and VS2012.
* Performed coding and supporting work of .NET web applications using MVC architecture and Web API as back-end REST service. Also, Implemented Multi-Threading and Asynchronous WEB API using C# calls to improve the performance of the application.
* Developed middleware components with **WCF** RIA Domain Services, **Entity Framework** to generate Domain Entities(Objects) to pull data from Database and used Data context to update the database asynchronously.
* Authentication, Authorization and Validations are implemented with **WCF** RIA Services using **C#** and hosted on IIS and unit tested with MS **NUnit Framework**.
* Complex Layout Management implemented using built-in **Silverlight** Panels and custom panels with **XAML**, Expression Blend. Implemented Presentation Logic in VSM, used **LINQ** and tested with MS Unit Framework.
* Perform Data Migration, Data Cleansing and uploading the valid documents to SharePoint Document Management System.
* Used **TFS** for Version Control.
* Coordinated work with cross functional teams and delivered the application in **agile methodology.**
* Designed and created **SQL** Databases, tables, indexes, and views based on user requirements.
* Developed the entire Reports Module using **SSRS**.
* Worked with the application developers and provide necessary **SQL** Scripts using **T-SQL.**
* Created User Defined Functions, Stored Procedures, and Triggers.

**EBIDS PROJECT: It’s a Web Application**

* Designed and Developed Partial views, Views, Layout pages etc. in **MVC 5** using **Razor** Engine.
* Worked with **MVC** pattern and Entity Framework in **C #.**
* Developed user interface using Bootstrap, HTML5, CSS3, Java Script, Ajax and JQuery Plugins.
* Created and consumed **WCF** services which are based on SOA architecture.
* Worked on **WCF** security.
* **WCF** is used while implementing enhancements to service layer, basic HTTP binding are implemented to achieve interoperability for legacy applications; ws HTTP Binding which uses **SOAP** over HTTP was implemented to communicate with feature systems.
* Extensive use of LINQ and Entity Framework to develop data layer.
* Application Development using Telerik controls on MVC platform.
* Implemented page action using **Angular JS**, including custom directive, custom service.
* Developed **Angular JS** framework including **MVC** **architectures**, distinctive modules, particular controllers, templates, custom directives, custom filters and widely resolved angular scope issues.
* Used AngularJS HTTP (post and get) to retrieve data through **Web API** from entity frame work
* Built front end single-page web application (SPA) using Angular JS.
* Designed and custom application pages using **HTML5, JavaScript, AJAX and C#, .NET** as code behind.
* Responsible for setting up AngularJS framework to achieve data binding between **HTML5** and **JavaScript** objects with **JQuery**.
* Developed web pages with functionalities like login, register, forget password, filters using **JavaScript**, **jQuery** and **HTML5**.
* Involved in Unit testing.
* Developed the presentation layer by using Telerik RAD Ajax controls and web server controls.
* Used SSIS packages to roll our data to Live Tables and for Processing Data.
* Deployed and configured the reports in the Report Server.
* Created Parameterized reports, Cross-Tab reports, Drill Down reports by using **SSRS**.
* Created various data base objects like **Stored** **Procedures**, triggers, Views, Indexes, tables etc. in **SQL Server 2012**.
* Created and Implemented triggers in **T-SQL** to facilitate consistent data integrity of the database.
* Created Non-Clustered indexes to improve query performance and query optimization.
* Fixed bugs and provided support services for the application.
* Responsible for code testing, troubleshooting, deployment and preparing technical documentation for defects.
* Used Burp Suite tool for testing application.

**Environment:** C#, MVC5 , WCF, Web API, .Net Framework 4.6, Nunit, HTML5, CSS3, AJAX, AngularJS, SQL Server 2012, MS Access Database, SSIS, Solid Principles, Design Pattern, Oracle, Kendo UI, ADO.NET, ASP.NET MVC5, Entity Framework, PL/SQL, T-SQL, Visual studio 2015, JavaScript, Telerik, Windows 7, LINQ, Windows Server 2012, jQuery, SharePoint, N SERVICE BUS, SSRS, XAML, MS SQL Server, WPF, MVVM, PRISM, TFS 2015.

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| **Client** | Wells Fargo, Charlotte, NC |
| **Title** | Senior .Net Developer |
| **Duration** | April 2016 - Dec 2016 |
| **Project** | PMS Referral |

**Project Description:**

This project mainly involves the tracking of the account referrals amount when the existing customer refers the other new customers. It also tracks customer’s information, loan information, debiting of referral amounts, etc.

This is nationwide used application and is the main application for generating revenue to the organization.

**Responsibilities:**

* Analyzed system and functional requirements to determine feasibility.
* Implemented Agile development methodology and provided estimates, daily & weekly status report to the client on progress of the tasks.
* Created couple of custom, single-page, responsive web application to replace a legacy line-of-business web application.
* Designed, Developed and Deployed reports in **MS SQL** environment using SSRS.
* Developing web applications using **ASP.NET**, **ASP.NET MVC** and **C#.**
* Writing Functional and Technical Design Documents.
* Involved in complete software project life cycle (requirement analysis, Functional/Design Specifications and Test plans designing).
* Implemented **WCF**rest services.
* Used WCF services for development, configuration and hosting.
* Wrote application using **Web API** to talk to external applications and also involved in writing small ASP.NET Web Forms applications with **VB.NET, C#** as programming languages.
* Experience in designing rich interactive **WPF** applications in XAML using MS Visual Studio.
* Implementing validations using validation controls and used **JavaScript/JQuery** for client-side validation.
* Loading data from various sources like **OLEDB**, flat files to SQL Server database, using SSIS Packages and created data mappings to load the data from source to destination.
* Created the automated processes for the activities such as database backup processes and SSIS Packages run sequentially using Autosys jobs.
* Created traces using SQL server profiler to find long running queries and modify those queries as a part of Performance Tuning operations.
* Responsible for Database design, and creation of Stored Procedures, triggers in SQL Server and perform the Data retrieval in SQL Server 2008/2012.
* Using **ADO.NET** Entity Data Model in retrieving data using LINQ to SQL and LINQ to Objects with ASP.NET, worked with the database using LINQ to SQL.
* Developed Views and Partial Views for the web application in ASP.NET and Code Behind pages using C#.
* Implemented validations using built-in validation controls and used **JavaScrip**t and **JQuery** for Client-side validation.
* Responsible for database design, and creation of Stored Procedures, triggers in **T-SQL** and perform the Data retrieval in SQL Server 2012.
* Configured web applications to work on a load balanced environment.
* Performed unit testing on every new version before sending it for **User Acceptance Test (UAT).**
* Using Team Foundation Server as a source control.

**Environment:** ASP.NET, C#, MVC4, VB.NET, WCF, WPF, Web API, .Net Framework 4.0, HTML, HTML5, CSS3, AJAX, CSS, AngularJS, SQL Server 2008 R2, MS Access Database, Oracle, T-SQL, ADO.NET, ASP.NET MVC, Entity Framework, Visual studio 2013, JavaScript, JQuery, SSIS, SSRS, Share Point, MS SQL Server, TFS 2013, Autosys and JIL files.

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| **Client** | BCBS, Boston, MA |
| **Title** | .Net Developer |
| **Duration** | October 2015 – March 2016 |
| **Project** | Policy Manager |

**Project Description:**

BCBS Insurance is one of the largest insurers in the nation and for several years, it has been developing applications for processing financial business. Policy Manager Project is mainly used by the customers and the financial staff for maintaining the details of the various personal information and different insurance policies, payment history, and billing cycle. It also allows searching policies depending upon various search criteria.

**Responsibilities**:

* Maintenance and implementation of new features for the most important and complex web applications.
* Developed complex **MVC Controller, View Models** and **Helper methods** linked to backend database.
* Implemented **LINQ** for querying, sorting, filtering the complex objects.
* Create and unit test intricate client-side interactions with **JQuery** and **JavaScript**.
* Designed and created database objects such as stored procedures, packages, functions, triggers and indexes.
* Involved in unit testing, module testing and integration testing.
* Hands on experience in implementing **AJAX functionalities** for partial page rendering through JSON.
* Worked in [ASP.NET](http://asp.net/) security mechanism such as Impersonation, Authentication and Authorization
* Optimizing, debugging and creating **T-SQL** stored procedures in **SQL 2012 R2**.
* Interviewing other programmers and laying out work for a junior programmer. I also created our team’s programming interview.
* GUI design and development using ASP.Net, Telerik ASP.Net AJAX controls and CSS based layout.
* Performing and participating in code reviews.
* Along with other Sr. Programmers, making regular recommendations on tools and technologies.
* Writing unit tests using **NUnit** and **Visual Studio 2013** and for SQL using **SQL-Unit**.
* Designed the **layout pages**, **Partial Views**and **Razor views**.
* Designed and developed the user interface using [**ASP.NET**](http://asp.net/)**, Telerik, CSS, BOOTSTRAP CSS and HTML languages.**
* Implemented new designs, porting and styling legacy pages, integrating **JQuery plugins**.
* Used the latest **Bootstrap CSS** to provide consistent styling for mobile applications.
* Utilized **WCF web services**.
* 3rd party API and control customization and integration with Telerik  ASP.Net and JQuery UI controls.
* Extensively worked with web parts and web controls.
* Involved in Build, Debug and Deployment of the Components.
* Created the reports required for multiple projects using **SSRS reporting services.**
* Created the required jobs using **SSIS services**.
* Collaborated with other developers, business analysts, and cross department teams in conceptualizing and developing new reports, actionable data and insights, and enhancements.

**Environment:** Net Framework 4.0, C#, .Net, MVC, T-SQL, Telerik, Visual Studio 2013, JavaScript, AJAX, Telerik Reporting, JQuery, Entity Framework, WCF, IIS, XML, SQL Server 2012, LINQ, TFS.

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| **Client** | Canara Bank, Hyderabad, India |
| **Title** | Junior Programmer |
| **Duration** | Sep 2013- Sep 2015 |
| **Project** | Net-Banking Application |

**Project Description:**

Canara Bank presents Net-Banking, an online banking service which will make available a host of banking related activities online. Customers can access Net-Banking from the convenience of their home or workplace to make transactions and monitor their account activity from anywhere.

**Responsibilities:**

* Mainly worked with the frontend web design and also worked as an article writer to the newspaper.
* Worked on making daily updates to the website using **HTML** controls.
* Designed Master pages, Web pages using **HTML**, [**ASP.NET**](http://asp.net/) controls, **CSS, JavaScript**.
* Designed **UI** using .NET controls, User Controls and Login controls, **HTML** and **CSS**.
* Implemented Business logic layer using **C#.**
* Worked with **XML** and used it in AD Rotators and **Web.Config** files.
* Worked with posting Advertisements in the website.
* Worked with posting information in the blog.
* Utilized **Web Services** to access data from the Remote Application.
* Used **AJAX** tool kit for better user experience in the web pages in the application.
* Used **Visual Source Safe** (**VSS**) to manage changes to the source code.
* Extensively used **Crystal reports** and its functionalities.
* Created **Crystal** **Reports** Repository objects (Reports template, commands).

**Environment:**  [ASP.NET](http://asp.net/), C#, HTML, CSS, Crystal Reports, JavaScript, Ajax, Web Services, ADO.NET and XML

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| **Client** | Hari soft Solutions, Hyderabad, India |
| **Title** | Junior Programmer |
| **Duration** | JUNE 2010- AUGUST 2013 |
| **Project** | ONLINE CLASSIFIEDS |

**Project Description:**

Online Classifieds is a B2B application where the basic functionality of the project is to have a Portal where the user can advertise the Business requirements online. Some of the functionalities are described below: Announcements, Business Opportunities, Information Technology, Employments, Pets and Animals, Services, and Auto & Motorcycles.

**Responsibilities:**

* Analyze and review the business requirements, design documents, use cases and functional requirement documents.
* Designed screens (web pages, user controls and master pages) using **ASP.NET, HTML**.
* Developed the required **CSS** style sheets for the project.
* Involved in developing server-side code using **ASP.Net**, **VB.NET** and **C#**.
* Developed couple of web pages like login page, ads page, home, company details, contact us page.
* Used **ADO.NET** objects such as Data Reader, Data Set, and Data Adapter for data communication between the web application and databases.
* Worked with creating the database tables required for the project using **SQL SERVER 2005**.
* Created stored procedures for each **Crystal Report** to avoid the complexity in the report level.
* Developed the required stored procedures, functions and views required for the project.
* Created the **DTO’s** and **DAO’s** required for the project.
* Involved in Unit testing of the project.
* Created packages, tables and stored procedures using Oracle.
* Used Tortoise **SVN** for the purpose of version control and source code maintenance needs.

**Environment:**  VISUAL STUDIO 2008, SQL SERVER 2005, Oracle, Crystal Reports, [ASP.NET](http://asp.net/) 3.5, ADO.NET, C#, VB.NET, HTML, CSS, SVN and XML.