**Rama Krishna**

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**Summary**

* **8 Years** of experience in **Analysis, Design, Coding, Testing and implementation of Web Applications using N-tier Architectures** in accordance with the best practice of **AGILE (SCRUM)** methodologies and complete Software Development Life Cycle **(SDLC).**
* Expertise in Microsoft .NET Technologies - .**NET Framework 4.5/4.0/3.5/3.0/2.0, C#, VB.NET, Visual C++ /MCF 8.0, ASP.NET, ADO.NET, Microsoft SQL-Server, Oracle 11g/10g, Visual Studio, Ajax, LINQ, CSS and IIS (Internet Information Services) 10/7/6.**
* Experienced in developing web services using **.NET Framework 4.5/ 4.0/ 3.5/ 3.0 with WCF, Entity framework 4.0 and LINQ**
* Expertise in designing and developing professional UI web applications using front-end applications like **HTML/** **HTML 5, DHTML, CSS, CSS3, Bootstrap 3, AngularJS 1.X, Angular 2.0/4.0/5.0, jQuery, JSON, Visual Studio, JavaScript, Flash and Hybrid Web Development.**
* Experienced in Architecting Cloud Solutions using **Microsoft Azure for PAAS/IAAS/Hybrid/IOT scenarios**.
* Good knowledge and experience with **Web Forms, AJAX, JavaScript and designing User Interfaces**.
* Good experience with **3-tier, N-Tier architecture and MVC pattern**.
* Experienced in implementation of **RESTful** web services using **Windows Communication Foundation (WCF)** for publishing and consuming data to support cross platform interaction over a network using **REST API, WSDL.**
* Familiar with JavaScript libraries like **Knockout JS and Bootstrap** templates and **Angular JS framework**.
* Experienced in using **Language-Integrated Query**(**LINQ to Objects, LINQ to XML, and LINQ to SQL**) and retrieve data from different data sources.
* Built dynamic web view applications using **Angular JS.**
* Designed and implemented **PHP MS SQL** solutions as per project specifications
* Hands on experience in design using **Object Oriented Programming Principles** like **Inheritance, Polymorphism**.
* Expertise in using **ADO.NET** objects such as **Connection Object, Command Object, Data Reader Object, Dataset Object and Data Adapter Object.**
* Used **Angular 2 HTTP Request** to get data from **web servers** and process **JSON** data to render in the **UI**.
* Profound knowledge of **Angular 2**/**4/5** concepts like **Dependency Injection**, **Promises, Services**, **Scopes**, **Controllers**, and **Directives**.
* Designed user interface using **Angular 2 web forms**. Implemented **Angular 2 Routing, Navigation, Components and Services**. Implemented **Angular 2 pipes such as date, string length slice, and number**.
* Created **Typescript** reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 2**.
* Implemented .NET Security features such as Authentication & Authorization using **Form-based and Window-based Authentication**, **Authorizing Users, Roles and User Account Impersonation.**
* Experience in deploying application to **AWS and Azure clouds**.
* Expertise in using **SQL Helper Class, Error Handling and Logging Microsoft Enterprise Application Blocks**.
* Experience in generating Custom Reports and different types of **Tabular, Matrix and distributed reports** in multiple formats using **Crystal Reports and SQL Server Reporting Services (SSRS)** also integrated them in web application.
* Extensive working experience in database design and development, for creating complex database queries, writing Constraints, Indexes, Views, and Stored Procedures and Functions using in **MS SQL Server 2008, SQL Server 2012/2008/2005,** **T-SQL 8**and **Oracle 11g PL/SQL RDBMS.**
* Experience on working with **CSS Backgrounds, CSS Layouts, CSS Positioning, CSS Animations, CSS Text, CSS Borders, CSS Margin, CSS Padding, CSS Table, Pseudo Classes and Pseudo Elements.**
* Proficient in writing **Technical and Functional test scripts** and test-driven development using **N-Unit** for the **piecewise testing** of the Applications.
* Exceptional ability to quickly master new Technologies and good Team player as well as independently with a sense of responsibility and ownership.

**Technical skills:**

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| **Net Technologies** | | Net Frame, VB.Net, ASP.Net, ADO.Net, Web Services, AJAX, HTML5, XML Web Services, Win Forms, Web Forms, SOAP 1.1, WSDL, UDDI, WPF, WCF, Entity Framework, WCF .NET Remoting, NUnit, NAnt, NDoc, NReport, and NHibernate. | |
| **Web Technologies** | | VB Script, HTML/HTML5, CSS/CSS3, DHTML, XML, XHTML, XSL, XSLT, XPath, IIS, JavaScript, Ajax, jQuery, JSON, Typescript, Apache, and PHP. | |
| **Frameworks** | | AngularJS, Angular2/4/5, NodeJS, React JS, Bootstrap and Backbone JS. | |
| **Development Tools** | | Visual Studio .NET 2005 /2008/2010, Visual Source Safe, Microsoft Visio, Microsoft Team Foundation Server, Microsoft Application Center Test, StarTeam, VSS, J Builder and Microsoft Office Visio. | |
| **Debugging Tools** | | Firebug, Karma, Jasmine and Mocha. | |
| **Servers** | | Apache Tomcat, IBM Web sphere, Open Stock, SQL, T-SQL | |
| **Operating System** | | Window 98/2000/XP/Vista/7/8/10, UNIX, LINUX, MS-DOS, MAC OS X | |
| **Database** | | PL/SQL (Oracle), MYSQL, MSSQL and MS Access | |
| **Microsoft Technologies** | Visual Studio 2005/2008/2010/2012/2013/2014/2015,  ASP.NET, ADO.NET, LINQ to SQL, LINQ, Classic ASP,  MVC4/5, WPF, WCF, Silverlight 3.0/4.0/5.0, ADO.NET, Entity Framework 3.5/4.x/5.0/6.x, ASP.NET Signal, ASP.NET Core 1.0/2.0, Microsoft Expression Blend, WCF RIA Services | |
| **Programming Languages** | C#, VB.NET. | |
| **Databases** | SQL Server 2005 / 2008/2012, TSQL, PL/SQL, RDBMS, Oracle8i/9i, 10g, IBM DB2 7.0, N-SQL, MongoDB, Azure , SQL. | |
| **Web Services Concepts** | Http Web Services, WCF, ASMX Web Services, Web Api’s. | |
| **Scripting Languages** | XAML, JavaScript, Knockout.js, Angular.js, TypeScript,Angular2/4/5  BackBone.js, Charts.js HTML4/5, XHTML, PHP, Ruby  CSS 2.0/3.0, jQuery, Jason, ActionScript, python Perl. | |
| **Other Tools** | MVVMLight Toolkit, Auto mapper, Unity Application  Block, Dreamweaver, ActionScript, Adobe Photoshop, Adobe Flash, Prism, Telerik, Kendo UI, SOAP UI, Infragistics, Xamarin | |
| **XML Related Technologies** | XML, Altova XML Spy, XSLT, SOAP, REST**,** XSD schemas. | |

**Professional Experience:**

**Berkley Technology Services Aug 2017 – Current**

**.Net Developer**

**Urbandale, IA**

**Responsibilities:**

* Involved in understanding user requirements, designing, and developing a web application using responsive **UI and back-end applications**.
* Involved in all the phases of the **Project Life Cycle** and Analysis of the system based on **n-tier architecture**.
* Designed the complete solution using N-tier Architecture model and design patterns mainly Abstract Factory and Singleton.
* Developed the web application using **C#, ASP.Net Web API 2, SQL Server, N-Unit, AJAX, and Entity Framework 6.**
* Utilized **Entity Framework 6** to realize object-relational mapping with data in **SQL server database.**
* Built a service-based application with **RESTful ASP.NET WEB API 2** to support multiple browsers or devices.
* Created Angular component, which makes **AJAX call RESTful API's**.
* Created & Exposed **RESTful Web API** endpoints using **HTTP** verbs of GET, PUT, POST & DELETE.
* Designed responsive user interface using Bootstrap 3 modal form.
* Used **HTML 5,** Cascading Style Sheets (**CSS3**), **Bootstrap 3** and **Angular 2** to develop and implement a user-friendly **UI** design for the presentation layer.
* Created Typescript reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 2/4**
* Used **Angular 2 HTTP** Request to get data from web servers and process **JSON** data to render in the **UI.**
* Designed user interface using Angular 2 web forms
* Implemented **Angular 2 Routing, Navigation, Components and Services.**
* Implemented **Angular 2 pipes** such as date, string length slice and number.
* Designed and developed using framework **Angular 2** along with **HTML5, CSS3** and **Typescript.**
* Created various Modules, Components for the entire application using **Angular 2**.
* Coordinated with the **QA** team for testing the latest releases of the application and Bug fixing.
* Maintained the source code versions using **Team Foundation Server** **(TFS).**
* Developed the **SSIS** as per business needs to load data from various data sources and used the SSRS for reporting purposes.
* Good experience of Windows Communication Foundation (WCF), Service Oriented Architecture (SOA) and Windows Presentation Foundation (WPF)
* Used Entity framework to map the objects with the data in the SQL Server and consume services using WCF.
* Developed and consumed WCF services to achieve service-oriented architecture.
* Create WPF application using XAML and C# to enable rich features.
* Actively participated and provided feedback in a constructive and insightful manner during daily SCRUM meeting to track the progress for each iterative cycle and figure out the issues.
* Performed Unit testing using N-Unit to find bugs at development phase and documented the results.

**Environment:** ASP.NET 4.5, C#, SQL Server 2014, SSIS, RESTful Web API 2, Angular 2, Typescript, Bootstrap 3, Visual Studio 2013, Ado.Net, HTML5, CSS3, SSRS, XML, LINQ, WCF, WPF, SSIS, SSRS, SQL server, Team Foundation Server.

**I Heart Media Oct 2016 to Aug 2017**

**.Net Developer**

**Addison, TX.**

**Responsibilities:**

* Developed UI Framework for single page app (PPM) using Angular JS and WEB API.
* Created FDD, DDD documents.
* Involved in writing the front-end code for the application using Angular JS.
* Coordinated with the business users to finalize the requirements and assign to team.
* Written data services using RxJS extensions and operators to consume data through Web API's calls wrapped around Observables.
* Designed the architecture for ORION application and database from scratch for ORION and PPM.
* Angular 4 developments using Angular CLI and VS Code.
* Created components for reusability purpose.
* Used SQL File Table feature to store files.
* Used Typescript, JavaScript and JQuery to handle client-side functionality.
* Use Kendo UI controls for grid functionality.
* Created WCF services to be used by other teams to interact with Loans application.
* Used **SOAP UI** and Fiddler to create the pay load and to test **WCF** and **RESTful** services.
* Used Auto mapper to map objects and used Unity for Dependency Injection.
* Design and development of front-end GUI modules for technical support personnel using **C#** and **ASP.NET.**
* Used ASP.NET Web Forms, server controls extensively, setting up an inheritance chain of Forms following Object Oriented Programming Principles.
* Designed the complete solution using N-tier Architecture model with ASP.NET and design patterns mainly Abstract Factory and Singleton.
* Design and implementation of tables, stored procedures, triggers, views, **PL/SQL** statements for database operations using **ADO. NET.**
* Created **unit tests** and **end to end tests**. Used **moq mocking framework** to create mock objects used in unit testing.
* Enhance existing SQL databases for Loans/**IRIS** applications and used code first approach in Entity Framework for creating new database for **ORION** application.
* Used **SonarQube** to continuously analyze and measure source code quality and refactor the code to improve the technical debt score.
* Finding out the bugs, broken links and missing images etc. and rectifying them.
* Demonstrated implementation and up-gradation of **JavaScript Library**.
* Discussed various ideas/suggestions for the ongoing websites regarding the page layout and creative design

**Environment:** Project Loans Application, IRIS, ORION, PPM, .NET Framework 4.6.1, MVC 4.0, Angular JS, Typescript, Node JS, WEB API, Entity Framework 6.0, IIS 8, SQL Server 2008/2012, TFS

**UPMC Mar 2015 to Oct 2016**

**Senior. Net Developer Pittsburg, PA**

**Responsibilities:**

* Involved in the Design and Implementation phases of agile software development lifecycle.
* Implemented MVC design pattern for developing the Web Application.
* Worked as UI Designer and Developer for the Web application using C#, ASP.NET, HTML, CSS, JavaScript, and AngularJS.
* Used AJAX Controls to increase the responsiveness of the web application, used AJAX Toolkit for User Interface Development.
* Developed web-based application using Angular JS, C#, Web API, HTML5, CSS3, JSON, and Bootstrap.
* Implemented page action using Angular JS, including custom directive, custom service.
* Implemented Factory, Service, and Provider to organize code and allow for easier future maintenance
* Developed single page application (SPA) with Angular JS, HTML, JavaScript and CSS in visual studio for dynamically updating the page and load in the single HTML page.
* Created Microsoft provided certificates across different environments like DEV, QA, UAT, and Production.
* Implemented web WCF services to passing data to multiple platforms.
* Developed new modules to an existing system using C#, VB.NET, ADO.NET, SQL SERVER 2008.
* Developed Web Forms using ASP.NET/C# language which communicates to the server via SOAP
* Design and development of front-end GUI modules for technical support personnel using C# and ASP.NET.
* Used ASP.NET Web Forms, server controls extensively, setting up an inheritance chain of Forms following Object Oriented Programming Principles.
* Designed the complete solution using N-tier Architecture model with ASP.NET and design patterns mainly Abstract Factory and Singleton.
* Design and implementation of tables, stored procedures, triggers, views, PL/SQL statements for database operations using ADO. NET.
* Data Access layer is implemented using ADO.NET to Communicate with the Oracle Database and to access, update the data in the database.
* Deployed and maintained ASP.NET applications running at IIS 6.0.
* Performed debugging and N-Unit testing, designed navigational flow and defined usability and GUI guidelines

**Environment:** Visual Studio 2010, .NET Framework 3.0, Business objects 4.0, ASP.NET 4, C#, ADO.NET, WCF, HTML, CSS, JavaScript, AngularJS, Windows Server 2008, PowerShell, IIS 6.0, SOAP, WSDL, XML, HTML, N-Unit, AJAX Toolkit, CSS and Visual Source Safe (VSS).

**Senior .Net Developer**

**Sabre Holdings Nov 2014 to Mar 2015**

**Westlake, TX**

**Responsibilities:**

* Collaborated with product managers and software engineers to provide guidelines for solid
* UI designs.
* Designed and developed web services using C#, ADO.NET, and XML to handle online transactions with a central database which reduces the time required performing data entry and for reporting.
* Created service-oriented architecture (SOA) based solutions using SOAP messaging framework.
* Validated user inputs in web forms by using validators like compare validator, required field validator, range validator, regular expression validator etc.
* Involved in the conversation of existing intranet ASP application to ASP.NET application.
* Implemented data access layers, business entities, business logic layer and services access layer using WCF and LINQ.
* Involved in creating models, view models and DAL using entity framework.
* Optimized WCF services and developed callback methods in class library project to communicate with different layers of the solution.
* Implemented Entity Frameworks to work with relational data using domain-specific objects and for Lazy loading, Table splitting, Table hierarchy techniques.
* Implemented Windows Presentation Foundation (WPF) for data binding and Implemented Windows Workflow Foundation (WWF) to implement long-running processes as workflows.
* Experience with Web API 2 for REST Web Services.
* Worked on designing and coding WCF service contracts, data contracts, and operation contracts.
* Used LINQ to objects and LINQ to entities to query data models.
* Developed HTML, AJAX, CSS, XML, and JavaScript layouts.
* Developed business logic components using web service WSDL and implemented SOAP for communication application.
* Involved in the design of the system architecture using UML to develop class diagrams and use case diagrams.
* Developed a demo version of the product to solicit and incorporate feedback into a design.
* Worked on ADO.NET components data reader, data adapter, data set and data view to provide connection to the database in SQL server.
* Involved in writing SQL commands using stored procedures, triggers, and views.
* Implemented and wrote client-side scripts using JavaScript, business logic, look up list for data table in C#.
* Performed Integration services using SQL Server Integration Services (SSIS). Worked with SQL Server Reporting Services (SSRS) for Reporting.

**Environment:** Visual Studio 2008, ASP.NET 3.0, ADO.NET, XML, MVC, HTML, AJAX, CSS, JavaScript, IIS 6.0, SSRS, SSIS, WPF, WEB API’S, LINQ, SOAP, WCF, Entity Framework, SOA, Web services, SQL Server 2005, T-SQL, DHTML, Windows Server 2008.

**.Net Developer Sep 2012 to Oct 2014**

**Byte Alpha Solutions, India**

**Project: Project Name: ERP (Leave Management System)**

**Responsibilities:**

* Involved in development of the web-based application to develop new modules and enhance existing functionality in the application.
* The application was developed in .Net framework 3.5 and 4.0
* Created user controls to provide reusability feature.
* Worked on C# and VB applications as multiple projects were gathered to make a full-fledged application.
* WCF services were getting used to getting the distributed functionality feature.
* Created stored procedure in SQL server 2008 database
* Created reports using COGNOSE tools based on the data provided by the user.
* Used XML serialization and de-serialization to provide data transportation functionality.
* Created various MIS reports using Data Grid Control and displayed the data.
* Implemented custom forms authentication to secure the application.
* Used OOPS (object-oriented programming language) concepts in developing classes.
* Used ADO.NET Controls like Connection, Command, Dataset and Data reader.
* Transformed XML document with XSLT in an ASP.NET application.
* Designed and created ER Diagram and a new database in SQL Server 2008.
* Worked in Visual Studio Office for c#.
* Created database objects like tables, views, and stored procedures that are used throughout the application.
* Responsible for Error Handling using Try, Catch, finally exceptional handling technique to avoid circumstances leading to abnormal program termination.
* Strong communication, problem solving and planning skills with ability to work independently or in a team environment.
* Responsible for overall layout design, color scheme of the web site using XHTML, CSS.
* Created detailed wire frames and process flows.
* Worked one-on-one with client to develop layout, color scheme for the website and implemented it into a final interface design with the HTML/CSS & JavaScript.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using HTML, CSS and JavaScript
* Edited web pages for achieving design goals with CSS3, JavaScript and JQuery.
* Used Angular JS routers to establish routing between nested html views.
* Follow up with the development team on the improvements, integration and further enhancements in the website.

**Environment**: Windows XP Professional, Visual Studio 2008, ASP.NET, WinForms, C#, Entity Framework, LINQ, IIS, SQL Server 2008, HTML, XHTML, CSS, CSS3, JQuery, JavaScript.

**Hyderabad, India**

**I-suite Solutions Oct 2010 to Jun 2012**

**.Net Developer**

**Responsibilities:**

* Requirements gathering and Analysis and Development of the Project.
* Created LLD & HLD Documents. Used some Asp.Net and Winform Controls to Perform Day to Day activities. Involved in designing the database. Designed reports using SSRS.
* Used N-tier architecture for presentation layer, the Business and Data Access layers and Implemented using C#. Developed Cascading Style Sheets (CSS) for User Interface.
* Used ADO.Net for SQL Server 2005 database interactions, Created stored procedures, cursors, Triggers, user defined functions. Working on Http get, posts calls and pass data using Http Post in Angular.js.
* Mobile app built in Node module Apache Cordova with Ionic and Angular.js.
* Independently worked on Administration module.
* Used JavaScript, HTML and client-side validation is done using JavaScript.
* Extensively used Grid Views with Sorting and paging.
* Implemented Template Columns for Custom Nested Grid Views.
* Developed User Documents for the Users.
* Deployment of Application in Test and Production Server. Involved in Production Support.

**Environment:** ASP.NET3.5, C#.NET, WPF, Angular.js, Dev Express Controls, SQL Server 2005 Enterprise Edition, JavaScript, IIS 6.0, HTML SQL Server Query Analyzer, SSRS, .Net Framework 3.5 and Windows XP and Windows server 2003.

**LinkedIn ID:** https://www.linkedin.com/in/rama-krishna-499a59159/

**Education:** Bachelor of Technology in Electronics and Communications in **Jawaharlal Nehru Technological University**, India.