**KUMAR REDDY**

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**OBJECTIVE & SUMMARY**

* Inventive expert with **5 plus years** of progressive experience in Microsoft .Net Technologies and all phases of Software Development Life Cycle (**SDLC**) Methodologies like **AGILE SCRUM/TDD & Waterfall** including Analysis, Design, Development, Implementation and Testing of N-tier architecture enterprise applications including Test Driven Design (**TDD**).
* Expertise knowledge on **Object Oriented Programming (OOPS)** Concepts including Inheritance, Abstraction, Encapsulation and Polymorphism and Design patterns like **Abstract Factory**, **Singleton Pattern**, **Repository** and good experience in writing re-usable components like Exception Handling, Debugging and Tracing concepts.
* Experienced in configuration management, build schedule using version control tools like **Team Foundation Server 2015/2013/2012/2010, Subversion 1.9/1.9.4, Git.**
* Proficient in implementing **WCF SOAP/REST services** for enhanced security and performance, describing and registering them using **WSDL** and **UDDI**, hosting and consuming them using different communication protocols.
* Developed and supported client-side functionality with several rich UI features, user friendly design approaches, responsive web pages with performance functionalities in the web applications and **Single Page Applications (SPA)** using **AngularJS1.5/1.6/2.0, HTML 5, AJAX, JSON, jQuery3.0/2.0/1.0, XML/XSL/XSLT/XHTML, CSS3, Bootstrap.**
* Strong experience in implementing **Filters**, **Validations**, **Controllers**, **components**, **Directives**, **Routings**, **Factory** and **Services** in **AngularJS 1.5/1.6**.
* Experienced in developing **RESTful** web applications and **HTTP Services** using **ASP .NET** **WebAPI** framework.
* Extensive experience in developing **Data Access Layer** using **Entity Framework 6.0/4.3 Database First** and **Code First** approaches with **ASP.NET MVC 6.0/5.0/4.0** to implement **CRUD** operations, transactions, performance tuning, data massaging with **LINQ to Entities**.
* Strong Experience in **Windows Azure** cloud services and **Windows Azure Service Bus** message queuing system.
* Experience in implementing **ADO.Net data Access techniques** using SQL Connection Objects, SQL Command Objects, Dataset Objects, Data Reader Objects and Data Adapter Objects.
* In depth knowledge of Database Development including Tables, Views, Stored Procedures, Triggers and Query Optimization techniques using **SQL Server 2005/2008/2008R2/2012.**
* Experienced in a **fast paced**, Agile development environment including Scrum, **Test-Driven Development (TDD)**.
* Experience in using **SQL Server Reporting Services (SSRS), Crystal Reports** and **SQL Server Integration Services (SSIS)** for report generation and integration into applications.
* Extensive working experience in Performing Integration testing, system testing and performance testing and achieved Unit testing using tools **MS-Unit**, **N-Unit and X-Unit.**
* Fast learner, fantastic communication skills, versatile to continually evolving needs, remarkable critical thinking, problem-solving and troubleshooting capacities.

**TECHNICAL SKILLS & KNOWLEDGE**

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| **Programming Languages** | C++, C#.Net (4.0/3.5/3.0), VB.Net (10.0/9.0/8.0), HTML, T-SQL, PL/SQL |
| **Web Technologies** | ASP.Net (4.0/3.5), ASP.Net MVC (6.0/5.0/4.0/3.0), JavaScript, jQuery (3.0/2.0/1.0), AJAX, VB Script, AngularJS (1.6/1.5/1.3) |
| **UI Technologies** | WinForms, WPF, Web forms, HTML, CSS |
| **IDE Tools** | Visual Studio 2015/2013/2010, SQL Server Management Studio |
| **.Net Frameworks** | .Net Framework 4.5/4.0, ASP.Net Web API, ASP.Net Core |
| **Databases** | MS SQL Server 2012/2008/2005, MS Access 2010/2007/2003, Oracle 10g/11g, T-SQL |
| **Reporting Tool** | SQL Server Reporting Services (SSRS 2008), Crystal Reports (2010) |
| **Modeling Tools** | UML, MS Visio 2010/2007 |
| **Version Control Tools** | Perforce(P4V), Team Foundation Server (2015/2013/2012/2010), Subversion (1.9/1.9.4) |
| **Middleware** | WCF, ADO.Net (4.0/3.5), MVC4 (Razor)/MVC3 Web Services, MSMQ, Enterprise Library 5.0 |
| **Servers** | Windows Server(2008/2003/NT), Microsoft IIS (7.0/6.0/5.0/4.0) |
| **Testing Tools** | N-Unit, MS-Unit, X-Unit, Protractor |

PROFESSIONAL EXPERIENCE

##### Client: HBO Inc., New York, NY September 2017 to Till Date

##### Role: Sr .Net Full Stack Developer

Project: Metadata Integration for Network Delivery

**Project Summary**: **HBO** is one of the leading and most popular content provider companies in the world. Worked on MIND (Metadata Integration for Network Delivery) application which facilitates the configuration, scheduling, and metadata generation for new business initiatives in the SVOD, VOD, FOD, Mobile, and Digital Download spaces. MIND also schedules upcoming offerings and attaches programs for offering. It takes care of fulfilling the video encoding workflow starting from creating request and validating the video files, finally delivering the metadata and video files to CDN’s. Worked with business users to build new functionalities and enhance existing ones as well as optimize the application's performance.

**Responsibilities:**

* Used **Agile (Scrum)** Methodology for fast and more disciplined development throughout implementation.
* **Participated in every day Scrums with the entire group to examine about** the progress of the application development, specks to be taken care and specks that already completed.
* Designed responsive and user-friendly Web Pages using **MVC 5 Razor Views**, **AngularJS, CSS** and **Bootstrap**.
* Followed **OOP**’s Concepts and **SOLID** principles while developing application using **C# 5.0** for Business Logic and Code behind view models.
* Implemented **AngularJS** Controllers to maintain each view data and Service calls using **Angular Factory**.
* Coded **AngularJS** controllers and directives for application functionality and filters for heavy DOM manipulation.
* Used **Entity Framework’s Code First** approach to create database and tables as objects along with **LINQ** to interact with database to perform **CRUD** operations.
* Using **Web API**, created various **RESTful** services to return serialized JSON data which are later consumed through **AngularJS** services.
* Broad experience in programming using **C**, **C++** and Shell Scripting
* Designed and implementing a **Node.js** based mobile text and voice messaging app and its cloud backend.
* Created and consumed **WCF** Services to expose the application functionality for different transport protocols running inside the company.
* Leveraged **WCF** mechanisms like seasoning, Instance Management, Concurrency to make our services more robust and scalable.
* Worked on **Angular 2.0** by consuming Restful web services & used **Angular 2.0** forms like Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side
* Developed complex **Angular 2.0** UI nested components for reuse and rapid development using Angular 2.0 components for each SPA.
* Expertise in Migration Using Quest Migration Manager Tool for **Active Directory**
* Developing Multiple Presentation Layers with several **Winforms** user controls, Standard controls, VB.NET, C# and XML
* Responsible for Continuous Integration (**CI**) and Continuous Deployment (**CD**) process implementation using **DevOps** along with Shell scripts to automate routine jobs.
* Developed a front-end CVS Internal web application called prescriber page under specialty by using Angular 4/5/ PrimeNG , HTML5 and CSS3
* Extensive knowledge in memory management, auto pointers, pointer handling, callbacks, function pointers and functions in **C++/C**
* Experience in updating **Active Directory** Sites and Services.
* Created and maintained database schema, tables and views. implemented stored procedures, indexes for better performance using **SQL Server**.
* Wrote a **Winforms** application to transition a business process away from excel into a SQL database
* Created SQL Server Reports using **SSRS** and exported them to Excel format for managers and QA team for easy validation.
* **Worked** with **QA** to develop and review test plans and strategies. **Made** the builds and deployed the applications in test, stage and Production servers.
* Have developed custom reusable **Angular 4.0** components.
* **Work** with Product management on product feature requirements definition and refinement.
* **Used TFS for source code management, version control and Agile process.**
* Designed and implementing a **Node.js**based mobile text and voice messaging app and its cloud backend.
* Implemented Caching and State Management strategies to improve overall performance of the application.
* **Performed Unit testing and Integration testing** by applying test cases.

**Environment:** Visual Studio 2015, C#4.0, ASP.NET4.0, MVC 5.0/4.0, .NET Framework 4.0, Entity Framework 6.0/4.0, Web API, HTML5, N-Unit, WCF, Team Foundation Server (TFS 2010), AngularJS 1.6, SQL Server, IIS 7.0, Windows Server 2008 R2/2008, PL/SQL.

##### Client: Goldman Sachs - Chicago, ILJan 2016 – August 2017

##### **Role:** .Net Developer

**Description** : Digital Finance is the firm's online consumer lending business (called Marcus by Goldman Sachs) and consumer deposits business (called GS Bank).Lendscape is a key application for disbursement of loans in Goldman Sachs bank. The project involved various stages of development including the user interface, business logic and the backend development.

**Responsibilities:**

* Used advanced knowledge of web technologies, including MVC 5, ASP.Net, C#, CSS, Ajax, Angular JS, HTML, XML, TSQL, database modeling tools and database interactions.
* Implemented **MVC Architecture** on client side and creating **Models, Controllers, and Views Scope** etc. Using **Angular JS.**
* Used **Angular JS** to standardize web application structure and responsive using **bootstrap** and provide a future template for data binding.
* Implemented **WCF SOAP services** to facilitate communication between multiple transport protocols.
* Used Asp.net **WebAPI 1.1/2.0** to migrate the codebase from **SOA** to **RESTful Service**.
* **Angular JS HTTP Services** were made to communicate with WCF service and data was retrieved in (JavaScript Object Notation) **JSON** format for display to improve application performance
* • Created TypeScript reusable components and services to consume REST API's using Component based architecture provided by **Angular 4**.
* Configured and binded existing applications to the active directory for authentication using Ldap.
* Created Custom **HTML Helpers**, **Partial Views** and **Layouts** to maintain and reusability in UI Layer
* Implemented communication mechanisms between Controller to View using **View bag, Temp data and Action Results** etc., and Controller to View using **Model binder, Http Request Collection and State model.**
* Performed T-SQL tuning and optimization of queries for reports that take longer execution time using **SQL** Query Analyzer in **MS SQL** Server 2008.
* Worked on some of the new features of Angular 4 like new if else syntax, ng-templates form validators.
* Developed complex programs in **T-SQL**, wrote Stored Procedures, Triggers, Views and Queries with best execution plan.
* **SQL Server Reporting Services (SSRS)** for both on-demand (pull) and event-based (push) delivery of reports. Users can view reports in a Web-based format.
* Implemented **Register routes, Custom Routes, Routing Constraints** using **Routing mechanism.**
* Utilized Microsoft Team Foundation Server (**TFS**) for source code repository.
* Implemented **Unit Testing**, **Integration Testing** and **System Testing** using **NUNIT**.

**Environment**:.NET Version 4.5/3.5, Entity Framework 5.1, Visual Studio 2012, SQL Server 2012, VB.Net, C# 4.0, MVC 4/5, GIT , SVN, XML, WCF, CSS3, HTML5, Twitter Bootstrap, XHTML,ADO.NET, NUnit, LINQ, PL/SQL, SQL-Server 2008, SSRS, JavaScript, JQuery, Angular JS, IIS 7.5.

Client: Cigniti Technologies , Hyderabad, India June2013-July2015  
Role: Jr. .Net Developer

Project: Investment Management System

**Project Summary**: The objective of the project is to develop comprehensive system designed to manage and maintains the details of Members who have invested an amount in the firm on interest basis. The modules include Member module, Accounting Module, Reports Module. The product is a web/desktop based where it can be customized as per customer requirements.

**Responsibilities:**

* Involved in Analysis, Design, Coding, and Testing and maintenance phase of modules of software life cycle.
* Designed and developed complete front-end application using **ASP.NET/VB.NET** Web Forms.
* Implemented validation using **ASP.NET** validation controls.
* Created **User Controls** for the header and footer of the website which appears in all the pages.
* Worked extensively on **web forms** and data binding controls like data list and drop-down boxes. Used pagination and sorting features of data grid in reports.
* Developed and Consumed **ASMX Web services**, creating web methods for fetching data from the database.
* Familiar with new and advanced **C# 4.0/3.0** features such as **Dynamic Binding, Lambda expressions, Anonymous types, Query expressions, Named and optional arguments**.
* Used **ADO.Net** to establish connection with the database and used **Data Grid**, **Data** **List** and **Repeater** controls for displaying the data in a clear format.
* Developed various **stored procedures** for the data retrieval from the database and generation of different types of reports using **SQL reporting services (SSRS)**.
* Designed and developed stored procedures and User defined functions **SQL** **Server** Database.
* Implemented role based security and customizable workflows based on a **user's role.**
* Created **queries** and **stored procedures** in the **SQL** **Server 2005** Database.
* Installed new **TFS** / Visual Studio updates whenever updates are available
* Used **Microsoft Team Foundation Server** (TFS) for the purpose of version control and source code maintenance.

**Environment:** ASP.NET 2.0, VB 6.0, C# 4.0/3.0, ADO.NET 3.5, HTML 4.0, CSS 2.0, JavaScript 5.0, web forms, TFS 2010, SQL Server 2005.