Rakesh

**Email: rakesh.workk2@gmail.com Mobile: +1913 444 4830**

**Professional Summary:**

* Around **5+ years** of experience in Analysis, Design, Development, and Implementation of Web Applications in various domains using **Microsoft .NET Technologies including .Net Framework s .Net Core (ASP.NET, C#.NET, VB.NET, WCF, Web API, ADO .NET, SQL Server, Azure Cloud).**
* Experience with Reporting Tools SQL **Server Reporting Services (SSRS), Crystal Reports** creating ETL packages using **SQL Server Integration Services (SSIS).**
* Involved in developing **Single Page Applications (SPA)** and client-side functionalities with various rich UI features using **JavaScript/UI frameworks like Angular (14/13/8/6/4), JSON, jQuery, Bootstrap, AJAX, HTML, CSS.**
* Experience in implementing Controllers, Directives, Components, Filters, Validations, factory and Service resources, Routings, and Events in **Angular 2+ versions**.
* In depth Knowledge in working with attribute routing, data serialization, model binding, **in WEB API and .NET Microservices.**
* Knowledge of Windows Azure cloud services and Windows **Azure Service Bus** message queuing system.
* Implemented **OAuth and used swagger** for implementing the Web API application with .NET Core using Http Verbs and attributes.
* Implemented Web API application using **.NET Core 6.0** using C# with Dependency Injection and Web API controllers and methods**, handling logging and error using Log4Net and Application Insights**.
* Strong analytical and conceptual skills in database related work primarily creating complex stored procedure, Views, Triggers, Functions, using PL/SQL, T-SQL with databases like SQL Server 2022/2019/2005/2000 C Oracle 11g/10g/9i.
* Proficient in Configuration Management, setting up company Version policies, building schedule using **Team Foundation Server 2010/2008, Visual Source Safe (VSS), Azure DevOps**.
* Extensive working experience in unit, integration, and performance testing framework – NUNIT, MS Unit Tests.
* Very good communication and interpersonal skills and can work independently as well as in a team environment.
* Working experience in unit testing, integration, and performance testing frameworks like **NUNIT, XUNIT, MS Unit Tests for business logic.**
* Utilized version control systems such as **Team Foundation Server (TFS)** 2013/2014/2015, VSTS, **GIT**

1.8/1.9/2.1, Tortoise SVN, sub version for actively tracking work progress and maintaining code repository.

* Highly organized and can achieve targets as an individual or as a team member and very good communication and interpersonal skills and can work independently as well as in a team environment.

**Education**

* **Master’s in industrial technology from university of central Missouri**

**Technical Skills**

**Programming Languages:** C++, C#.Net (4.0/3.5/3.0)[, VB.NET (](http://vb.net/)10.0/9.0/8.0), Java.

**Web Technologies:** [ASP.NET](http://asp.net/) 4.0/3.5/3.0/2.0, ASP.net MVC, MVP, Ajax 3.0/2.0, JavaScript, jQuery, VB Script, bootstrap, Dev Ops, AngularJS.

**Xml Technologies:** XAML, XML, JSON.

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| **Desktop Technologies:** | WinForms, Web Forms, WPF. |
| **IDE Tools:** | Visual Studio 2019/2017/2015, SQL Server Management Studio. |
| **.Net Frameworks:** | .Net Framework 4.8/4.7.2/4.5/4.0/3.5, .Net core 6.0/5.0/2.0 |
| **Databases:** | MS SQL SERVER 2019/2017/2014/2012, SOLR. |
| **Reporting Tool:** | SQL Server Reporting Services (SSRS 2008/2005), Crystal Reports (2010/ 09/ 8.5/8). |
| **Modeling Tools:** | UML, MS Visio. |
| **Version Control Tools:** | GitHub, VSTS, Tortoise SVN, Team Foundation Server 2013. |
| **Middleware:** | Web API, WCF, [ADO.NET](http://ado.net/) 4.0/3.5/3.0, Web Services, Postman. |
| **Servers:** | Windows Server 2008/2003/NT, Microsoft IIS (10.0/7.0). |

**Experience**

**Humana Inc, Louisville KY**

**July 2022 – Till Date**

**Sr Full Stack .Net Developer**

**Responsibilities:**

* Build various layers of application architecture including reusability, interoperability between layers, and performance by implementing dependency injections, libraries, design patterns etc.,
* Develop **Web Services (REST or SOAP)** with security features to communicate data by request/response from one server to another in the form of **XML, JSON**.
* Design Web APIs to call Web Services using URLs to perform **GET, POST, PUT, DELETE** operations, and pass response to call Front End views, partial views, authentication, design layouts, validations and error messages using various technologies as per business requirements.
* Had extensive use of ASP.NET web forms to create the front-end screens using **HTML5, CSS and Bootstrap**.
* Implemented all the client validations using **Angular 14.** All the view model changes were implemented via Angular 14.
* Configured SQL server database tables with the entire screener questions and the dependency provided by the client in an excel sheet.
* Use Azure DevOps to trigger Build pipeline and Release pipeline for an existing code/application to deploy on cloud servers and managing the session. Trace Log analytics using Azure to monitor application errors and increase performance.
* Created and maintained database objects like complex **Stored Procedures, Triggers, Cursors, and Tables, Views, and SQL Joins.**
* Worked on updating the application to from **Angular 8.0 to Angular 14.0**.
* Worked on Implementing Auto Interface Implementation and Database Scaffolding.
* Worked on Azure Functions like Http Trigger, Orchestration Trigger, Timer Trigger.
* Fixing bugs reported by QA and performed unit testing using NUnit.
* Worked with **WEB API's** to make calls to the web services using URLs, which would perform GET, PUT, POST and DELETE operations on the server, Use **Swagger** to test API endpoints.
* Develop and consumed Web API with $http service to achieve CRUD operations.
* Worked on Azure SendGrid Topic to publish email messages and worked on **Azure Storage Explorer**.
* Used Azure DevOps Server for reporting, automated builds/release pipelines and submitting pull requests.
* Monitoring and performing load testing on the applications using **Azure DevOps Services**.
* Create and run Unit tests for methods/services, make appropriate changes without any errors and retest them until all the test cases are passed and then integrate these tests with the existing code.
* Notice possible errors/bugs by verifying logs and troubleshooting the code, identify the root cause of the error, fix and test the errors and document them for future references.
* Perform Security Scan, Load Scan and Code Reviews for on-going tasks to maintain code quality, performance, responsiveness, code reusability and coding standards.
* Generate/Update Solution Architecture Document with User Flow, Data Architecture and Services for ongoing/upcoming requirements.
* Attend meetings to gather business requirements **(Features/User Stories/Defects)** for upcoming sprint and analyze requirements, document the client needs and expectations to suggest a technical solution.

**Environment: Visual Studio 2022, C#, .Net 6.0, Web API, Microservices, Angular 14, SQL Server 201G, SSMS, SSRS, Azure DevOps, Postman, Swagger, IDE Logging, Splunk , Pioneer, Azure DevOps,**

**Deloitte, Charlotte, NC**

**December 2020 – June 2022**

**Full Stack .Net Developer**

**Responsibilities:**

* Written code for developing **Single Page Applications (SPA)** used several inbuilt JavaScript languages, created modern front-end template frameworks for JavaScript using jQuery like custom directives, decorations, and services to interface with both restful and legacy network services also DOM applications.
* Develop many aspects of the application such as reusable libraries, create and consume **RESTFUL web**

services and interaction between them as per business requirements.

* Managing Webservers and troubleshooting the **.Net Applications through IIS services tracing techniques.**

Windows Web administrator IIS with extensive installation, configurations, **integrations with ASP.Net**.

* Created WCF Services responsible for communicating and providing real time data from integrated server to Client Application and required data in the form JSON format, parsing the data using objects and arrays.
* Implement rich user interface with reusable markups, consistent design layouts. Write code for user interactions with performance, **partial updates, AJAX calls.**
* Create complex functions, scripts, stored procedures, Tables, Views, Index, triggers, and review query performance to optimize and support application development.
* Request information from SOLR **and parsing JSON/XML data using C#** and modify the SOLR instance query to get the requested data.
* **Detect errors/bugs, fix them after/before release** which includes troubleshoot code, debugging, find bug causing code, analyze and resolve in a logical way to fix the issue and avoid recreating new issues.
* Manage Source Version Control for code repository, code check in/outs, merge conflicts etc., and build application to solve version compatibility issues, make sure build is error free and involve in deployment of application.
* **Submit weekly status reports** on completion tasks, on-going tasks, and plan for upcoming tasks for the coming week.

**Environment: Visual Studio 201G, C#, ASP.Net, MVC 5, WCF, WPF, Web Forms, Web Services, IIS 8.5, SQL Server 2014, SOLR, TFS 2018/2015, SharePoint, SSMS, HTML 5, Ajax, jQuery, JavaScript, Angular8.**

**Homecare Homebase, Dallas, TX**

**May 2019 – November 2020**

**.Net Developer**

**Responsibilities:**

* Create single page applications using core directive expressions and modules of JavaScript framework, SQL stored procedures and enhancing project for .Net application.
* **Developed Entity Framework 4.3/6.0 and made LINQ queries** to connect to the database and implemented CRUD functionality with **Entity framework Code First** and Database First approaches with ASP.NET MVC 4.0/3.0.
* Worked on rewriting 22-year-old VB legacy application to latest .net WinForms app.
* Worked on Development of Single Page Application using Angular (v2) along with Node.js and NPM.
* Developed service layer that uses dependency injection to pass updated models to the application layer to facilitate unit testing.
* Created and maintained database objects like complex Stored Procedures, Triggers, Cursors, and Tables, Views and SQL Joins.
* Worked on 3rd party Imaging SDKs like Lead Tools and Image Components.
* Worked **on Entity Framework and LINQ** extensively to expose the data.
* Worked on integrating imaging SDK Atala soft into internal WinForms application.
* Used Entity Framework and **LINQ** to access the two databases so the user could create, edit, display, and delete data from the application's UI.
* Extensively worked in developing Stored Procedures and Functions in **Oracle 11g**.
* Utilized the SVN and TFS source control software to keep track of new and past.
* Migrating the source code and work items for different assets of TFS like build definitions and test plans to VSTS
* Implemented **WEB API Services for CRUD** operations with **HTTP verbs GET, POST, PUT and DELETE** and used Postman to test the service.
* Performed XUnit testing with ReSharper and responsible for running and debugging the application. **Environment: Visual Studio 2015, ASP.Net MVC, WinForms, WCF, WPF, REST, HTML, CSS, XML, JSON, AngularJS, JavaScript, jQuery, Bootstrap, XUnit, GIT, SQL Server 2014/2016, SSMS, SSRS, SSIS.**