**Nithin Reddy**

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**Full Stack.Net Developer**

**Executive Summary**

* Over 8+ years of experience in Design, Development and Implementation of Web Based applications using Microsoft .NET Technologies.
* Expertise in Microsoft.NET Technologies like Visual Studio.NET 2005 /2008 /2010 /2012 / 2015, .NET CORE 3.0/2.0/1.0, .NET Framework (4.5/4.0/3.5/3.0/2.0), Microsoft .NET Class libraries, ASP.NET (4.6/4.5/4.0/3.5/3.0/2.0), C#(4.0/3.5/3.0/2.0), ADO.NET, Web Services, Micro Services, WCF Services, SOAP, REST, XML, Entity Framework, LINQ, SSIS, NUnit.
* Extensive experience with MS SQL Server 2005/2008/2012/2014, MYSQL, T-SQL, SAP Server.
* Expertise in Software Development Life Cycle (SDLC) in various .net frameworks and Object-Oriented Analysis and Design (OOAD).
* Experienced in all phases of software design lifecycle management and implementation.
* Utilized Microsoft Visual Studio to create Web and Windows Form Applications, Console Applications, Class Libraries, ASP.NET projects, and Web Sites.
* Extensive experience with Microsoft.NET Technologies (.NET Core, .NET Framework, ADO.NET, ASP.NET, C#.NET, SQL SERVER, WCF, and WPF). Background on building **ASP.NET** **MVC 5.0** Applications with EF and **Web API.**
* Expertise in various MicroSoft.net technologies including latest MVC 6.0/5.1/5.0/4Razor framework with Repository Pattern.
* Developed stored procedures using SQL and used Entity Framework for Database First application.
* Developed website using **ASP.NET MVC 4.0\5.0**, C#, WCF and WEB API.
* Developed prototype application for order page using AngularJS, WebApi, C#, SQL
* Expertise in designing and developing complex user interfaces (GUI) using ASP.NET and MVC (5.0/4.0).
* Experience in designing and developing web pages using ASP.NET, **Angular 5/4/2**, Angular JS 1.4/1.5/2.0, JavaScript, JQuery, Cascading Style Sheet (CSS & CSS3), HTML & HTML5, AJAX controls.
* Extensive experience with development and deployment of Web Services (SOAP and REST), WCF services, **ASP.NET WEB API, SOA, SSO (single sign on), and MSMQ** using the.NET Framework.
* Hands on experience in developing, debugging n-tier applications using C#, XML, UNIX, SQL and Top End on .NET/Entity framework and MVC3 with Razor View Engine.
* Evaluate and refractor current architecture and code for implementation of **Angular 8/9** best practices.
* Evaluates current applications and recommend processes to move applications into Angular-CLI and **Angular 4/5/6/8/9** with backend services.
* Experience in using JavaScript libraries like Bootstrap templates and Backbone.js & Angular.js framework.
* Background in database programming, designing and development using **MS SQL Server 2018/2014/2008**, Oracle and MS Access with solid experience in SQL (T-SQL), triggers, views, constraints, indexes, packages, and stored procedures. Experience in creating SQL Server Reports using **SSRS 2008, 2012.**
* Implemented security on the applications using .Net Authentication &Authorization
* Handful experience in the implementation of N tier architecture using .Net framework.
* Experience in developing MVVM design patterns by using Telerik Kendo UI.
* Experience in using WCF, WPF, Restful services, ASP.NET web services, JSON, XML and XSLT for data communication across different technologies.
* Working knowledge on **Azure Service** fabric for developing and maintaining the distributed **micro services** over the agile Docker orchestration.
* Implemented AWS solutions using **EC2**, **S3**, **RDS**, **Elastic Load Balancer**, **Auto-scaling groups.**
* Worked on Physical to **AWS Cloud Migration** and creating alarms and notifications for EC2 instances using Cloud Watch.
* Experience with an AGILE, Iterative and Waterfall software development methodology and Test-Driven Development including SCRUM Framework.
* Hands on Experience working with Various Source Control software like GIT, Visual Source Safe (VSS) and Visual Studio Team Foundation Server (TFS)
* Experience in working with source control software like Perforce
* Experience in writing SSIS Packages/SSRS in SQL Server.
* Experience on working with JIRA and TFS for issue tracking and bug fixing.
* Knowledge in upgrading the technologies and tools for various types of applications.
* Good fit for team environment as well as individual.
* Strong interpersonal and communication skills combined with self-motivation, initiative and the ability to think outside the box.

**Technical Skills**

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| **Operating Systems** | Windows XP,7,8 and LINUX , UNIX |
| **Programming Languages** | JavaScript C, C#, ASP.NET(C#), VB.NET, VB6.0, HTML, XML, and PL/SQL, |
| **Frameworks** | NET Framework 4.0/3.5/2.0/1. x. |
| **Scripting Languages** | JavaScript, JQuery, AJAX,Java Script, VB script, jQuery, Angular JS, Express.js, Angular 2/4/5, Type Script, Gulp JS, Node JS, React JS, Ext JS. |
| **Web Technologies** | ASP.Net, ADO. Net, Dev Express, NHibernate, HTML, DHTML, AngularJS, NODE.JS, Bootstrap, Rest. JS, XML, AJAX, CSS, XML, XSL, Web Services, WSDL, UDDI, WCF, WPF, Silverlight. |
| **Software Application** | VisualStudio.Net, Dreamweaver and Expression Blend. |
| **Reports** | Crystal Reports 10/9.0, SQL Server Reports. |
| **Web Servers** | IIS 5.0/6.0/7.0. |
| **Methodologies** | Agile, waterfall, SCRUM, TDD |
| **Version Control Tools** | Subversion (SVN), CVS, GIT |
| **Database** | Oracle 8.x/9i/10g/11g, MS Access 2003, MS SQL Server, MongoDB. |
| **Third Party Frameworks** | Telerik Controls and Infragistics. |

**Education:**

Bachelor of Technology in Computer Science from JNTU University (2012), India

Master’s Degree in Computer Science from Northwestern Polytechnic University (2014), Fremont, CA

**Professional Experience**

**Client: State of Washington - Department of Licensing Olympia, WA**

**Role: Sr Full Stack .NET Developer Feb 2019 – Present**

**Responsibilities:**

* Participated in various stages of software development life cycle (SDLC); analysis, design, development, and maintenance.
* Designed and developed new features for the application using C# within .NET framework.
* Successfully developed web applications using **C#.NET, MVC, Web API** through IDE **visual Studio 2019** and SQL Server Management Studio for retrieving backend data.
* Created the backend database tables, views, functions and store procedures based on the application requirements.
* Working on **Azure** for highly available customer facing B2B and B2C applications.
* Involved in development of data access, business and application layer using LINQ, C#.NET and Asp.NET. Designed, developed and enhanced the application in.**NET Core 3.0**
* Utilized **Angular 9** inbuilt directives for implementation also implemented costumed directives for the ones that are not available.
* Developed web pages using ASP.NET MVC 5, Entity Framework 6, C#, HTML5, Bootstrap, CSS3, JavaScript, jQuery, **Angular 6/7**, SQL Server 2016, LINQ, XML and SQL Server Reporting Services (SSRS).
* Developed custom controls such as tree-view, splitters, grid, file processor, dropdowns and dashboard widgets.
* Built solid **micro services** architecture using .NET core platform.
* Implemented ASP.NET MVC strongly typed views, partial views and attribute routing.
* Used Ajax, and JSON to post data from the client side to the database.
* Fixed issues on the legacy applications which were developed using VB6 components.
* Used Reflection in C# to invoke the methods dynamically.
* Developed the business layer with LINQ to Objects and LINQ to SQL.
* Implemented the rest API’s by using **ASP.NET Web API 2.0.**
* Developed Windows service by using C# and **Top Shelf**.
* Created a repository and Unity of work patterns for accessing the database objects.
* Used SOLID principles for designing the applications.
* Worked on creating the stored procedures at various needs of the application.
* Used Team Foundation Server (TFS) for the version control for check-in, branch merging and creating build definitions.

**Environment:** .NET Framework 4.6.2, C#.NET, ASP.NET, ASP.NET MVC 5.0, web API’S, Agile (scrum), SQL Server 2017, Visual studio Code, Angular 8/9, Visual Studio 2017, Power Shell, Team Foundation Server

**Change Health Care Tulsa, OK**

**Role: Sr. .Net Developer with UI (June 2017 – Jan 2019)**

**Responsibilities**:

* Developed web application in Visual Studio 2013 and Microsoft SQL Server 2012. Designed Presentation layer using **ASP.NET**, **AngularJS**, **Bootstrap**, **HTML 5**, **CSS3**, **JavaScript**, **jQuery** and **AJAX** using TDD and Agile methodology.
* Working in a waterfall environment to deliver higher-quality software.
* Involved in gathering all requirements from the client and provided expertise advice for better enhancement of the application.
* Created Entity data model and model validations using **Entity Framework6.0**

Created templates in Angular for the UI views in CSS(SCSS), HTML 5 and adjust the us

interface views accordingly to the mobile responsive stuff by using Include break points in

SCSS.

Has used **Angular 9/8** Templates, directives, routing and navigation, components, services and data binding concepts.

Developed **Angular 9/8** custom directives and pipes and also developed core functionality

with the ASP.NET core (C#.NET).

* Developed **Angular 4/5/6/7** custom directives and pipes and also developed core functionality with the ASP.NET MVC Framework (C#.NET).
* Experience in using ASP.NET Core, AJAX framework for quickly creating efficient and interactive Web applications that work across all popular browsers.
* Developed Razor views with strongly typed view models and helpers and partial views using ASP.NET Core MVC5, HTML5, CSS3, and Angular, C # and Telerik controls.
* Involved in Defect Causal Analysis for Testing Defects and involved in Root Cause Analysis for Production issues.
* Implementation of Commerce Server 2002 and development of Web service to interact with BizTalk environment.
* Designed and developed User Interface using JSON, JavaScript, HTML/HTML5, CSS3, AJAX and JQuery, Telerik/Kendo UI, Bootstrap and **Angular 4/5/6/7.**
* Preparing Technical Design Document, Unit Test Cases, User Manual and Functionality Documentation.
* Experience in using Source Code Control Systems like TFS (Team Foundation Server) and GIT.
* Working on Azure Table and Blob Storage retrieval using C# code.
* Implemented **ASP.NET MVC 5.0** pattern mechanism to display Insurance Claims, Service Transaction, Schedule and Appointments.
* Utilized **ASP.NET** input validation controls and JavaScript to perform client-side validation.
* Working on Azure Document database (Azure Cosmos DB).
* Created **SSIS** Packages to load the data from different applications sources like Excel, JIL, Flat File and Oracle into Sql Repository.
* Designed components using JSX and reducers and actions using **React.js** and **Redux** using the latest version of **JavaScript (ECMA 6).**
* Migrated existing applications from older web technologies to single page application architecture (SPA) using modern client-side tools like React, **Angular 4/5**, Typescript and Web pack.
* Involved in developing applications using Angular - Bootstrap like Grids, Toolbars, Panels, Combo-Box and Button etc. Used filters while coding in **Angular 4/5**.
* Field Mapping of Business fields to that of Facets Fields- Business provide details about the different field involved in the daily transactions.
* Worked with Http protocols by using **Angular 4/5** components to build Restful services.
* Developed class libraries using VB.NET to implement the business logic and for the reusability purpose.
* Developed and maintained .net solutions using **Angular 2/4/5**, Type Script, **Web API**, MVC and Identity management
* Implemented CRUD functionality with Entity framework in **ASP.NET MVC** and implemented sorting, filtering and paging with Entity framework in MVC.
* Used SignalR and JavaScript to manage real-time data and enhance real-time chat function for Messaging section.
* Designed, configured, and administered complete image and deployment process of Windows XP.
* Used FileZilla to upload the files to Project workbook and use Vault Client to store the source code.
* Used **Single Page Application** (SPA) format using Agular’s routing.
* Good experience Azure service (Web roles and worker roles)
* Working on **Azure Table Storages** for retrieval using C# code.
* Good experience on serverless azure functions for logic apps and experience on Azure key vault to store our secrets.
* Provided database connectivity using **Entity Framework Core 1.0/2.0**, LINQ, designed stored procedures and views at the back end.
* Developed the **WPF** application in **PRISM framework**, thus creating loosely coupled components for the application.
* Participated in **Test Driven Development (TDD)** in developing an application in Agile (SCRUM) environment.
* Involved in testing different interfaces and web application for **FACETS**.
* Resolving issues with member attributes, enabling multiple rules associated with member lookup process in **FACETS**.
* Setting up Sandbox environment for Big Picture Orchestration (installing BizTalk SMS package and SQL Server 2003)
* Implement LINQ functions using Lambda Expression to perform CRUD operations on different **SQL servers2014+** using Linked Server and Linked Server Alias.
* Extensively used WPF user controls to provide page documents along with native support of XML paper specification documents.
* Monitoring existing code and doing performance tuning if necessary.
* Used Vault as version controlling source code.

**Environment:** .Net Framework 4.7, Azure, Angular 2/4/5, C#, ASP.Net, Visual Studio 2012, JavaScript, HTML5, CSS3, ASP.Net MVC 5.0, SQL Developer, FileZilla, LINQ, SSIS, SQL Server2012, Vault

**Wage Works, CA (March 2016 – May 2017)**

**Senior .NET / Web Developer**

**Responsibilities**:

* Involved in development process of new modules in agile methodology including Analysis, Design, Implementation, Testing and Maintenance
* Used fast paced Agile Methodology, involving in task completion, iteration passing through a full development cycle using N-Tire architecture.
* Using C# programming language and **.NET framework 4.x,** Silverlight, Web Services, Windows Services to develop this scalable enterprise software, perform unit testing and debugging of applications and databases.
* Web design and development, application development using Photoshop, Dreamweaver, HTML, JavaScript, and **Angular JS(2/4**)
* **Angular 2/4** to develop and implement a user-friendly UI design for the presentation layer.
* Used **Angular 2 /4**HTTP Request to get data from web servers and process JSON data to render in the UI.
* Profound knowledge of **Angular 2/4** concepts like Dependency Injection, Promises, Services, Scopes, Controllers, and Directives.
* Involved in Design of the application & core development of the application.
* Designed, developed and enhanced the application in .NET Framework 4.0
* Involved in designing the application architecture using Microsoft design patterns, C#, ASP.NET.MVC, JQUERY, C#. NET and Web User Controls using Test Driven Development (TDD).
* Create data access layer using Enterprise library and C# objects.
* Experience on creating web pages using ASP.NET, C#, Java Script, CSS and skins.
* Worked with business analysts, project managers, project lead and other developer to help design, develop technical design, specs, and coding as part of SDLC.
* Used SharePoint web application for the content management.
* Used SCRUM methodology of Agile Software development and TDD in different modules.
* Developed web interface C#, JQuery, JavaScript and HTML.
* Used MVC3 Design Pattern for ASP.Net application development.
* Used AJAX Library, CSS, JavaScript and various web controls to present data to users in a much comfortable environment.
* Used Web API to create a RESTful Web Services in MVC.NET, which can send messages using XML and JSON.
* Used Ajax tool kit, Multi views, regular expressions, regular expression validates, user search controls
* Developed multiple web services for feeding data to multiple applications using Windows Communication Foundation (WCF).
* Developed the independent WCF /WCF REST services and defined Service Contracts for specific functionality in search module.
* Used LINQ for querying data from the databases and Object collections.
* Wrote stored procedures, stored functions and created tables, views, triggers and sequences using Oracle 11g database.
* Involved in creating various SQL Queries, Stored Procedures, Views and Triggers with SQL server 2008.
* Involved in development of data access, business and application layer using LINQ, C# and Asp.Net.
* Used ADO.NET objects such as Data Reader, SQL Command, and Data Table to read and write data.

**Environment:** Visual Studio 2010/2012, C#, XAML, Silverlight, HTML5, MVC 5, CSS3, jQuery, knockout JS, Bootstrap JS, Kendo UI, SQL Server 2008/2014, TFS (team foundation server), Multithreading, JSON, Windows Services, Nuget, MVVM, ADO.NET, TelerikRadControls**.**

**Navy Federal Credit Union VIENNA, VA**

**Sr .Net Developer (Oct 2014 – Jan 2016)**

**Responsibilities**:

* Working in an agile environment to deliver higher-quality software far more rapidly.
* Actively involved in Microsoft BizTalk Server 2013 Installation and configuration.
* Design Developed and deployed a web application using ASP.NET that incorporates both N-Tier Architecture, and Database Connectivity.
* Worked on migration of VB6 to VB.NET using visual studio.
* Used ASP.Net Web Form controls like Textbox, Button and Dropdown list controls for creating an easily accessible user interface.
* Created training records in Camstar portal for user authentication and set up Category level access and specified tool access.
* Good at handling user access by using training records in camstar.
* Developed Decode custom pipeline components to merge multiple files into one file, submit message to BizTalk message box database.
* Created custom master pages for the SharePoint 2013 intranet. Created custom apps for the SharePoint 2013.
* Used DataGrid, Grid view and Repeater for various pages.
* Worked on different aspects of .NET framework like ASP.NET 5.0 and on middleware ADO.NET.
* Used Windows Communication Foundation (WCF) web services for creating Service end points and Service contracts for the Application and consumed the web services.
* Developed Email Notification System using MSMQ asynchronous model using WCF Service and .net MSMQ binding.
* Used XML to send a message through MSMQ service.
* Worked on MES migration from Factory works to Camstar 6.0 version.
* Used AJAX to trade data with a Web Server without reloading the page.
* Worked on VB.Net Security features such as Forms-based Authentication and Role-based Authorization.
* Developed extensive Stored Procedures and Triggers on SQL Server 2012 databases which are hosted on Windows sever 2012.
* Experience working with Team Foundation Server 2013.
* Assist team of engineers to provide production support and troubleshooting for 24/7 manufacturing operation.

**Environment:** .Net Framework 4.5, C#, VB.NET, ASP.NET, HTML5.0, Camstar, JavaScript, CSS3, JSON, MVC5, TFS 2013, SharePoint Designer 2013, XML, SOAP UI, SQL Server 2012, Windows Server 2012

**I-Pipe Line Exton, PA**

**Sr .Net Developer (Jan 2014– Sep2014)**

**Responsibilities**:

* Designed and developed Web Pages using **ASP.NET, VB.Net, C#.NET, HTML, JavaScript, CSS** and server controls.
* Developed the **UI** component architecture using **jQuery, Java Script, CSS and RAZOR.**
* Worked in an **Agile** Methodology (**Scrum)** to meet timelines with quality deliverables.
* Used various server controls like Multi View and Grid View with extensive data binding to display, page and sort multiple records.
* Developed Web Forms for User Interfaces using **ASP.NET and VB.NET** using Server Controls, HTML Controls and User Controls.
* Responsible for generating classes for **CSLA** Object relational mapping objects.
* Create user control and custom control for the Win forms using**CSLA**; enhance the existing code and optimize it. Code review and regress Unit testing.
* Worked on SOA Service Oriented Architecture and consuming WCF web services and WPF. Worked on **CSLA** Component based scalable logical Architecture framework
* Created and deployed **XML Web Services** (WCF) using **ASP.NET 2010 and C#,** used them to generate the proxy class files based on the web services and consumed in web application.
* Used **Cascading Style Sheets (CSS)** to maintain design consistency across all web forms
* Developed WCF Services, defining Endpoints, Data Contracts, Message Contracts, Bindings, and Transaction management in service layer and Hosting **WCF** services
* Used **SOAPUI & SOA** Cleaner Express tool for testing **WCF** Services
* Established communication between different applications running on same/different platforms using **WCF.**
* Designed & developed cutting-edge application interfaces using **WPF** to deliver intuitive user experiences.
* Designed and developed Rich presentation tiers using **WPF** Expression Blend 4, Telerik components like RadPickerControl, RadRichTextBox.
* Used Validation Controls for corresponding validations required for business logic in Web Forms.
* Worked and deployed **WCF** Services using **ASP.NET and C#.Net.**
* Perform all **Facets** of design, application development and deployment within the .NET Architecture based on programming guidelines/standards.
* Imported data into **SQL Server 2014** from**Oracle** 11g data source and created complex Stored Procedures, Functions, Indexes, Tables, and Views.
* Used Data Transformation Services to import the data in SQL server from heterogeneous data sources like Excel, Access and **Oracle**.
* Responsible for designing the User Interface by coding in HTML5, CSS3, AngularJS, bootstrap to build a **SPA**
* Developed the server side code using **VB.NET** client side code using Java Script with Visual Studio IDE.
* Developed web applications using **VB.NET** MVC, HTML5, JavaScript, AJAX, AngularJS and CSS which provide data visualization to users.
* Designing and developing Web forms using **VB.NET**.
* Developed core functionality with the ASP.NET MVC Framework from visual basic(**Vb6**) Application (VB.NET,EntityFramework7.0)
* Worked on development and supports of the legacy **VB6**applications.
* Used LINQ to build set of operations, parameters and expression during execution a set of data from SQL Server.
* Involved in designing and coding the various core components and UI Screens for the Outbound Interface in the Application using ASP.NET, AngularJS2 and **Kendo UI**.
* Implemented**KendoUI** MVVM framework, widgets and charting.
* Created the **BizTalk** orchestration to consume and expose the WCF services.
* Programmed **ADO.NET** for communication between application and database, used extensively Grid views, Data Set, Data Table and Data Adapter to render reports.
* Created Views by applying complex queries on multiple tables to create the virtual tables and implemented Cursors in Stored Procedures using **SQL Server 2014**, Implemented Joins in Stored Procedures to get the desired data by joining multiple tables.
* Involved in testing like Unit test, Integration test, Acceptance test and Regression testing using **NUnit**and responsible for writing **test scripts and scenarios.**
* Develop and support **WCF web services**
* Involved in design, coding and testing of multi-tier Windows Form / WPF application and**ASP.NET** Application.
* Develop user interfaces using **ASP .NET and windows client using C#**
* Develop reports using **MS SQL Server 2014 and SSRS**
* Migration of **SQL** Server database to **SQL Azure** Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in**SQL** Server using **T-SQL.**
* Migrated the existing SharePoint sites to .NET MVC with **Azure Cloud** environment.
* Involved in the design and development of web application in C#.NET, ASP. Net, User Controls and deployment in the **Azure**environment.
* Designed and implemented Windows **Azure** OMS Hybrid Automation.

**Environment:** Visual Studio.NET 2012, MVC 4, Clear case, Web API, SQL Server 2012, C#, Web Forms, Entity Framework 6.0, ASP.NET 4.5, JSON, Angular JS, HTML5, CSS3, IIS**.**

**Data-64 Pune, India**

**Jr .NET Developer (July 2012– June 2013)**

**Responsibilities**:

* Involved in designing and coding for Horticulture Project.
* Involved in gathering all requirements from the client and provided expertise advice for better enhancement of the application.
* Involved in Full Systems Development Life Cycle (SDLC) and architectural design.
* Designed User Interface using Web Forms, Win forms, DHTML, XSLT, XML, JavaScript, AJAX, CSS, ASP.NET, Server Controls and Visual Studio.Net.
* Validation controls by using C#.NET and JavaScript were implemented to perform validations.
* Worked on .NET Security features such as Forms-based Authentication and Role-based Authorization.
* Extensively worked on WinForms using C#, which involved Multithreading.
* Worked on migration of ASP.NET using Visual Studio 2008.
* Converted all the in-line SQL into stored procedure in SQL 2008 for better execution.
* Used Data Grid, Grid View and Repeater for various pages.
* Designing database schemas.
* Involved in unit testing for various pages.
* Created database triggers and stored procedures in Data Layer of the Recreation Dynamics.
* Designed and developed Search query in SQL.
* Created a triggers, cursor, functions, and collections in SQL.
* Used .NET validation controls on several pages.
* Designed Master Pages, Themes and Profiles for consistency and look and feel of website.
* Created various SSRS reports for department.

**Environment: .**NET Framework, ASP.NET, C#.Net, Web Services, Web controls, Microsoft SQL Server 2008, LINQ, AJAX, JavaScript, ADO.Net, JQuery, HTML, DHTML, XSLT, XML, CSS.