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**Sheshi Reddy**

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**Professional Summary:**

* Around Six years of professional experience in software design and development using Microsoft technologies as a Software Engineeringrole in various projects using **C#, ASP.NET MVC, .Net Core, SQL Server, Web Services, Windows Services.**
* Hands on experience in working on **SQL Server 2005/2008R2/2012/2016 databases, Azure SQL, Azure Data Factory &Azure Data Lake.**
* Expertise in all the phases of Software Development Life Cycle (SDLC) like **Requirements Gathering, Analysis, Design, Development, Testing, Packaging, Deploying** of **Windows,** and **Web apps.**
* Good working experience on **programming** and **testing** of **Web**, **Windows** and **Distributed** apps using software development methodologies like **Agile** and **Waterfall** in SDLC.
* Strong working experience in developing distributed applications leveraging **C#. NET, VB.NET, ASP.NET MVC, MVVM, Razor Engine, CMS, ADO.NET, WPF, Silverlight, WCF, Web Services, Windows Services, SQL Server, AJAX, AngularJS, and Java Script.**
* Good in-depth understanding and experience in building server applications using **C#, ASP.Net, ADO.Net, XML, Web Services, HTTP** modules and handlers based on **.Net Framework 4.0/3.5 / 3.0 / 2.0**.
* Deployed and maintained applications on **Azure** Cloud technologies.
* Planning and implementation of data and storage management solutions in **Azure (SQL Azure, Azure files, Queue storage, Blob storage**). Implementing scripts with PowerShell for Runbooks.
* Experienced in developing **web-based applications** using **AJAX, XML, XSL, XSLT, XPATH, CSS, .NET, VBSCRIPT, JAVASCRIPT, HTML** and **Classic ASP**.
* Extensively worked on Rally Dev- Agile based Business Development Software.
* Expertise in .NET framework and **.NET CORE** with great proficiency in building applications.
* Experience in writing **Unit Test Cases** like Positive Test Cases, Negative Test Cases and Exception Test Cases.
* Worked in various verticals like **Healthcare, Mortgage, Logistics, Insurance**, and **Telecom**.
* Comprehensive problem-solving abilities, excellent **verbal** and **written communication skills**, **Interpersonal Skills,** and **good Leadership Qualities**.
* Knowledge of application development in Windows **Azure** Platforms.
* Strong knowledge and expertise in working with Microsoft technologies like **ASP.NET, C#, Web** **Forms, .Net Framework**.
* Extensive working knowledge on Configuring and version controlling with **Team Foundation Server (TFS), Visual Source safe (VSS).**
* Hands on experience with Visual Studio Online (VSO), Cognitive Services (LUIS) and SQL Azure.
* Knowledge on **.NET Framework, ASP .NET, MVC, .Net Core, ADO .NET, REST API, Entity Framework, JSON, Ajax, Boot Strap, jQuery, WCF, Web Services.**
* Worked **on Hibernate, Java, Java Script, MVC, Shell scripting.**
* Experience in **conducting customer meetings, vendor meetings, preparing meeting minutes, reports, implementation requirements, project status reports and resolving issues and** **conflicts**.
* Created **Stored Procedures** to manipulate the database and to apply the business logic according to the users' specifications
* Experience with Software Development Processes & Models: **Agile**, **Waterfall**, & **Scrum** Model
* **Hard Worker** and **Quick** **learner** in new technologies and new applications and tools and ability to take individual responsibilities.

**Technical Skills:**

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| --- | --- |
| **Methodologies** | Agile and Waterfall |
| **.NET Technologies** | .NET Framework (3.0/3.5/4.0), ASP.NET, ADO.NET, Entity Framework,  WPF, ASP.NET WEB API, WCF, Web services, LINQ, .Net Core 2.2 |
| **Database Products** | SQL Server 2008/2012/2014, MySQL, MS Access. |
| **Scripting Languages** | VBScript, JavaScript, Shell Scripting. |
| **Web Technologies** | MVC, HTML/ HTML 5, CSS/ CSS 3, AJAX, Bootstrap, JSON, JavaScript,  jQuery, XML, AngularJS. |
| **Tools** | SSIS, SSRS, MS Office Tools (Word, Excel, PowerPoint, Project, Visio), Dynatrace, Site Scope, Splunk, Solar Winds, Orion. |
| **Version Control Tools** | Visual Source Safe 6.0, Subversion (SVN), GIT, TFS, Azure Devops. |
| **Web Server** | IIS 5.0/6.0/7.0, SharePoint, IBM, Web Sphere, Web Logic. |
| **Web Services** | SOAP, Restful, WSDL and ASMX Web Services. |

**Professional Experience:**

**Client: Humana, KY. NOV’ 2019 –Present.**

**Role: Dot Net developer**

**Responsibilities:**

* Created the documentation for **IVR** (Interactive Voice Recognition), **Softphone, Watson IBM, TSIG**, applications validations which was helpful for Bridge calls.
* Experience on Migrating SQL database to Azure data Lake, Azure data lake Analytics, Azure SQL Database, Data Bricks and Azure SQL Data warehouse and Controlling and granting database access and Migrating On premise databases to Azure Data lake store using **Azure Data factory**.
* Involved in resolving issues with UI accessibility in **SQL** Server Management Studio (**SSMS**) related to SQL service engine features.
* Writing Stored Procedures using Joins, Sub queries and correlated Sub queries In SQL Server 2016
* Developed RESTFUL Web API using ASP.Net Core.
* Working on the **Agile/Scrum** methodology to implement the application.
* Attribute Routing used in the **Asp.Net core** web API.
* Used Async and Await in **Asp.net Core** web API methods.
* Used Ansible Playbooks to setup Continuous Delivery Pipeline. Deployed micro services, including provisioning **Azure** environments using Ansible Playbooks.
* Working with **WSDL** programming for the web services to define the ports, messages, and its bindings like **SOAP.**
* Designed and built a Data Discovery Platform for a large system integrator using **Azure** HDInsight components. Used **Azure data factory** and data Catalog to ingest and maintain data sources. Security on HdInsight was enabled using **Azure Active directory**.
* Design and develop **C#** components for implementing business logic for application which is used to do the transactions on database in middle tier using **ADO.NET**
* Development of applications using **C#, ASP.Net, Angular JS 4.0, ADO.Net, XML, Web Services, HTTP** modules and handlers based on **.Net Framework 4.0**
* Developed process improvements tools using **C#.NET, WEB API, Web services and Angular JS** which would provide enhancement/benefits to users and business.
* Worked on different kind of issues got from **IBM and IVR** application related Incidents.
* Developed JSON Scripts for deploying the Pipeline in **Azure Data Factory (ADF)** that process the data using the Sql Activity.
* Collaborated with architects and other developers to review/finalize the technical approach.
* Managed **Kubernetes**charts using Helm. Created reproducible builds of the **Kubernetes**applications, managed Kubernetes manifest files and Managed releases of Helm packages.
* worked on **Azure** suites like Azure SQL Database, Azure Data Lake(ADLS), Azure Data Factory(ADF) V2, Azure SQL Data Warehouse, Azure Service Bus, Azure key Vault, Azure Analysis Service(AAS), Azure Blob Storage, Azure Search, Azure App Service, Azure data Platform Services.
* Reviewed all development changes to understand the maintenance impact so that it helped to manage the applications.
* Extract Transform and Load data from Sources Systems to Azure Data Storage services using a combination of Azure Data Factory, T-SQL, Spark SQL and U-SQL Azure Data Lake Analytics. Data Ingestion to one or more Azure Services - (Azure Data Lake, Azure Storage, Azure SQL, Azure DW) and processing the data in In Azure Databricks.
* Involve in testing like Unit test, Integration test, Acceptance test and Regression testing using **NUnit** and responsible for writing test scripts and scenarios.

**Environment:**  Net 4.5, Visual Studio 2015,VB6, SQL Server 2014/2017, C#, Jira, Restful web Api’s, Git Hub, ASP.NET MVC 5, ADO .NET,MVVM, JavaScript, J Query, AJAX, HTML5, Bootstrap 4, CSS3, Azure Data Factory, Web API 2.0,

Angular 2/4, TFS, IIS 7.0, Microsoft Azure, AWS, WCF, Entity Framework 6, TFS, XML, XSLT, .Net Core Dockers.

**Client: HOMECARE HOMEBASE, KY. MAR’ 2019 –OCT’ 2019.**

**Role: Software Engineer**

**Responsibilities:**

* Participate in all phases of SDLC in an iterative Agile Scrum Methodology which includes design and building

of Web, Windows and Mobile Applications using **ASP.NET, MVC and C#.**

* Managed **Azure** Infrastructure **Azure SQL**, **Azure Storage**, **Azure AD** Licenses, **Virtual Machine Backup** and Recover from a Recovery Services **Vault** using **Azure PowerShell** and **Azure Portal.**
* Build web applications using **.Net Framework/.Net Core**, Angular 2+.
* Have extensive experience in creating pipeline jobs, schedule triggers using **Azure data factory**.
* Designed and developed Hybrid-Single Page Application using **C# 5.0, .NET** **Framework** 4.5**,**

**ASP.NET MVC 5,** MVVM, and **Angular2/4**.

* Designed the web UI using **ASP.NET**, **HTML**, **DHTML**, and **jQuery**, **Angular 5/6**, **JavaScript, JSON, CSS, XSL**,

Web Forms and **AJAX** controls.

* Responsible for implementing the client requirements using Microsoft WEBAPI Restful Services in

.Net Core 2.0 Framework using Visual Studio 2017.

* Keeping current with **Angular 2/4** and **Typescript** we could further modularize the app for reusability and consistency. **Jasmine**, **Karma** were used for **unit** and **integration** **testing**.
* Develop and Create Tables, Schemas, Indexes, T-SQL Stored Procedures, Views, and Functions and Optimized using Clustered indexes using MS SQL Server 2014.
* Provide Azure technical expertise including strategic design and architectural mentorship, assessments, POCs, etc., in support of the overall sales lifecycle or consulting engagement process.
* To ensure 100% code coverage with respect to the code base,write X-unit tests using MOQ Framework.
* Written Unit test to test .**net Core** web API Action methods using Xunit.
* Automate the Build and Release Deployments (CCID) for applications using cake build and power shell scripts

in VSTS Release pipelines which reduces the effort of manual triggers to specific environment.

* Used Team foundation Server (TFS) and GIT as a centralized version control system for source code management.
* Implemented few modules in **MVC 5**, **Entity framework** code first pattern, Dapper (micro ORM), **Azure**.
* Ownership for **Azure** SQL server DB deployment & managed the continues integration & continues deployment.
* Built application using **ASP.Net** **MVC Core**, Code First, **Angular 2/4**
* Installed the tools as required for the project development from the **Nugget Package Manager.**
* Involved in Design, Development and Testing of Web Forms and Web Services using **IIS 6.0**, **ASP.NET, XML,**

**and ADO.NET with OWASP.**

* Extensively worked with PIT (Product Integration Team) in regards with integration of other Third-party applications.

**Environment:** .Net Framework 5.0, .Net Core 2.0, VB.NET, C#, Asp.Net MVC 4 Git, Java, TypeScript, WPF, OWASP, WinForms, HTML5, SASS, CSS3, Angular 5/6, Windows Server2016, Agile, Restful web API’s, .Net Core Web API,

Dockers, HTML, CSS, WCF, Fiddler, SQL, T-SQL, SQL Server Management Studio (SSMS).

**Client: CENTENE Corporation, MO. NOV’ 2017– FEB’ 2019.**

**Role: .Net Developer**

**Responsibilities:**

* Requirements gathering, preparing design documents, Develop, Build & Unit test for the client’s in-house applications using agile model.
* Participated in inception meetings, Story grooming sessions to identify the scope of the project, Define epics and user stories with JIRA.
* Built Dashboard showing end to end process using ASP.Net, AJAX, JavaScript, jQuery, CSS, Developer Tool, C#.Net, XML, WEB API technologies.
* Created and Consumed **Restful** services using **Web API**.
* Built reports within the Dashboard using canvas doughnut charts detailing internal process running within the system.
* Participating in design reviews and identifies potential mitigation strategies for technical risks.
* Developed and enhanced the application using the **MVC 5**.
* Used Microsoft **Entity Framework** Code First approach for the Data Access Layer.
* Extensively worked on GITHUB Repositories and managed the code as well as merged into different branches on GITHUB resolving the conflicts.
* Developed user interface using **HTML5 CSS 3 and JavaScript and jQuery templates**.
* Maintained a consistent look and feel across all of the pages within MVC5 application by Razor layout (\_Layout.cshtml).
* Extensively worked on business Development Tool-Agile CA technologies for tracking down the defects and working on the features and user stories.
* Worked on SQL database, creating stored procedures, Worked on performance tuning of queries.
* Developed Restful service using **WCF** framework and used **Angular 4** for getting data.
* Prepared and executed unit test cases.
* Created and re-used RESTFUL Web services to interact with other verticals as part of the integration.
* Used **jQuery** with **Ajax** for loading data asynchronously in the user interface.
* Implemented AJAX controls for partial page updates and to decrease the response time on the pages.
* Worked on stored procedures, advanced queries, views, and indexes for query optimization for the SQL Server databases.
* Implemented Two Way Databinding in AngularJS which makes the application to handle the automatic synchronization of data between the model and view components.
* Create Entity classes and relationships between Entity classes using Entity Framework to manage relational data as objects.

**Environment:** .Net framework, XML, HTML 5, ASP.NET, C#, MVC, CSS, Ajax, JavaScript, Bootstrap, Typescript, Web APIs, WCF Services, Angular 2, Restful Services, Entity Framework, Visual Studio Code, TFS, GITHUB, Unit Testing.

**Client: Horace Mann, Springfield IL. JAN' 2017– OCT’ 2017.**

**Role: .Net Developer**

**Responsibilities:**

* Involved in a day-day Scrum Software development methodology and Test-Driven Development TDD.
* Involved in all the stages of Software Development Life Cycle like Application Design, Development, Debugging and testing the applications.
* Analyze the scope of projects, work cross-functionally with IT and other stakeholders, develop project plans with users, and provide time estimates.
* Acted as Scrum Leader during the Sprint planning, Backlog grooming, demo and retrospective meetings.
* Design & development of Web application using ASP.Net, AJAX, JavaScript, jQuery, CSS, Developer Tool, C#.Net, XML, WEB API technologies.
* Developed localization APIs which stores the translated data in SQL tables.
* Created complex Web forms, presentation layer and various server controls using WCF, WPF, ASP.NET and C#.
* Discussing the data model and architectural approach to receive the data to ensure platform independent solution.
* Storing and manipulation of data is done using Collections and Data structures in C#.
* Extensively worked on Business Development tool- Agile CA Technologies (formerly Rally- Dev) for tracking down the defects and working on the Features and User Stories.
* Actively participated in Web Application as well as Desktop Application Testing.
* Parsing the data to suit the target Smart COMM data model.
* Creating the document template using Smart COMM.
* Worked on search Template API that directly interacts with Guide wire Policy Center.

**Environment:** .Net framework, Canonical data model, XML, HTML, ASP.NET, C#, MVC, CSS, JavaScript, Typescript, Web APIs, WCF Services, Restful Services, Entity Framework, SharePoint, Visual Studio Code, SSIS, SSRS, TFS, LOB Parser.

**Client: I Global LLC, Florida Jan’ 2016 – Dec’ 2016.**

**Role: .Net Developer**

**Responsibilities:**

* Responsible in preparing Business Requirement documents, Design Document, test plan documents, postproduction launch documentations.
* Involved in creating dynamic well-organized, accurate and insightful Power BI reports/dashboards to support strategic decisions.
* Designed various routing mechanisms and implemented http functionality in AngularJS for retrieving data from web servers.
* Rich Experience in Web API and WCF service development in ASP.NET MVC using C# and Ajax; consumed Web API service in Angular 4 services.
* Worked with SQL Server Reporting Services (SSRS) to generate, compare reports and modifying their layouts.
* Deployed and maintained applications on **Azure** Cloud technologies.
* Developed web applications using ASP.NET, VB.NET, MVC, HTML5, JavaScript, AJAX, Angular.js and CSS which provide data visualization to users.
* Expert in creating and developing Power BI Dashboards into rich look and configuring data gateways to have automatic refresh of the dataset.
* Debugged and enhanced C# ASP.NET applications.
* Configured Remote event receivers to convert event receivers in SharePoint to Office 365 migration.
* Used VB.NET in MVC framework for front-end development.
* Creating and Managing Virtual Machines in Windows Azure and setting up communication with the help of Endpoints.
* Creating and Managing Virtual Machines in Windows Azure and setting up communication with the help of Endpoints.
* Evaluate, analyze content migration tool for SharePoint and office 365. Install, configure Share gate.
* Experience in Administration and development of products AvePoint, Nintex workflows with SharePoint and Microsoft Office 365 (SharePoint Online, OneNote, Sway, Yammer, Teams, Flow, One Drive, Delve, Sway).
* Implemented Security in Web Applications using Azure and Deployed Web Applications to Azure.

**Environment:** C# .NET, .NET Framework 4.0, ASP.Net MVC 4.0, ADO.Net, REST API, T-SQL, Visual Studio .NET 2008/2010/2013, ASP.NET MVC5.0/4.0, Power BI, WCF, TFS, Azure, Entity Framework 6.0/4.0, Angular JS, React JS, VB.Net, Node JS, JavaScript, LINQ, SQL Server 2008 R2.

**Client: D Square Labs LLC, India SEP’ 2014 – April’ 2015.**

**Role: .Net Developer**

**Responsibilities:**

* Developed programming scenarios in C#, Object Oriented Programming (OOPS) concepts such as: encapsulation, inheritance, polymorphism, and abstraction.
* Used MVC Design Pattern to develop classes in order to having clear separation of responsibilities of all the supported client actions.
* Worked on code repository on Git with JIRA Integration.
* Designed and developed dynamic ASPX web pages using C#, **ASP**.**NET**, XML, HTML, CSS and JavaScript.
* Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#.**NET**, **ADO.NET**.
* Gained experience in OOAD while doing technical approach for the analyzing and designing the application.
* Used **ASP.NET** AJAX Toolkit controls like Script Manager and Update panel within some web pages.
* Created Web.Config files for setting up of the application by writing database connections.
* Developed the required Business Layer of the application using C#.
* Implemented data access layer using **ADO.NET** classes such as Dataset, Data Table, and Data Row.
* Implemented front pages to be the **UI** to show the patient records by using **HTML, CSS, JavaScript, jQuery** to display the patient information and the corresponding conditions, symptoms, and treatment.
* Comprehensively tested, maintained, documented, and deployed the application by using **TFS**.

**Environment​**: ASP.NET 3.0/3.5, C#, ADO.NET, HTML, CSS, JavaScript, Visual Studio 2008, SQL Server 2005, IIS, Oracle 10g, Web Services, XML, AJAX, VSS, N-Unit Testing Tool, SSIS, SSRS.

**Visa Status:** H1B Visa (Valid until 2022 with possible extension)