Rushil Reddy

Employer Email: Gangadhar.potham@vrproit.com

Mobile : +1 501-500-0120 Ext: 1012

# Professional Summary

I have overall 8+ years of work experience developing enterprise cloud first approach applications in software industry with different domain knowledge using modern software development methodologies. I am passionate about Computers and digital world.

# Software development Methodologies

* + Agile- scrum
  + Waterfall model
  + Agile-Kanban

# Software design Patterns

* + SOLID
  + Object Oriented Principles
  + MVC

# UI-Development

* + Experience designing the web pages using HTML5/CSS.
  + Designing the web pages with Bootstrap grid layout.
  + Migrated boot strap 3 to boot strap 4.
  + Understanding the WWW standards and design with compliance principles.
  + Design dynamic web pages using React.js & Angular js.
  + Working demos generated from created wireframes, and flow diagrams.

# Server Side-Development

* + Experience in developing server-side data services using NodeJS.
  + Developing experience in C#.Net programming language.
  + Knowledge on writing C# program which can be unit testable using NUnit.

# AWS-AZURE-Cloud Experience

* + Experience in configuring the build pipeline using Azure DevOps.
  + Deploying the solution Azure Web Apps and AWS elastic beanstalk.
  + Configured Identity server to secure apps.
  + Build and deployed the apps in docker container in Azure Container Registry and ECR.
  + Created environment for Browser Stack.

# Relational Database

* + Relational Database and No-SQL Database Experience.
  + Developed crystal reports and SSRS reports by pointing to SQL server database.
  + Create/Modify/Update database tables using T-Sql statements.
  + Good understanding of ACID principles of Relational Databases.
  + Monitored and created the database using Sql Server agents.
  + Able to write stored procedure/functions/views with optimal performance against MS SQL.

# Unit Testing/Integration Testing Experience

* + Experience in writing unit testing using NUnit and C#.net
  + Developed integration testing using Postman and Newman.
  + Created the 90% test coverage code foe each pull request.
  + Created Mock servers and service virtualization.
  + Tested SOAP based web service using SOPA UI
  + Knowledge selenium web Ui tests for asp.net web MVC projects.

**Technology Matrix**

|  |  |
| --- | --- |
| UI Technologies | React.js/HTML5/CSS3/Bootstrap/JavaScript/TypeScript/jQuery/Ang ular |
| Web Security Standards | Oauth 2.0 Identity Services |
| Web Services Development | Asmx/WCF/ASP.net Web API/Nodejs |
| Server-Side Technologies | ASP/ASP.Net/ASP.Net MVC/Asp.net Core/PhP |
| Programming Language | C#, JavaScript |
| JavaScript Frameworks/libraries | Angular, Node.js, jQuery, React.js |
| Server database | MS SQL server 2016/2019, MongoDB, Mongoose. Cosmos DB, |
| Azure Cloud | Azure Web Apps, Identity Server, Application insights, logic Apps, SQL Server, Azure Container Registry |
| AWS Clod | AWS beanstalk, cloud watch rules, S3, batch jobs, AWS CDN service |
| Testing | Nunit, Integration testing and SOAP UI testing |
| Source control | TFS, Github, AzureDevops and gitlab. |

# Professional Experience

**Company:** Children’s Mercy Hospital Kansas March 2022 - To - Till Date

**Role:** Software Development Engineer

**Project Description**: Software Development engineer responsible for upgrading and refactoring existing revenue cycle applications for generating different web-based billing solutions. These Applications serve as a different level of billing and revenue cycle management for a hospital to maintain billing cycle with different agents.

# Roles & Responsibilities:

* + - Develop, configure and debugging existing applications.
    - Write clean, scalable code using latest .Net frameworks
    - Setup and test applications in different environments for optimal usage.
    - Upgrade existing applications from angular 12 to angular 14.
    - Develop single page applications for newer projects using angular 14.
    - Regular interaction of Restful API design calls to populate the UI on the app using get, put, post and delete.
    - Developed User Interface (UI) Rich web applications and web service applications using front end user interface Using Type Script, Media Queries, CSS frameworks and Angular
    - Move applications into azure serverless platform to save infrastructure costs associated.
    - Experience designing and/or developing solutions for a Service Oriented Architecture (SOA).
    - Extensively worked on writing Stored Procedures, Triggers, Functions, Views, and Database Design.
    - Migrated of classis ASP applications to ASP.Net Core and C#, MS Access to SQL Server.
    - Understand the HL7 protocols create document for the existing code in HL7 protocols.
    - Implement agile methodology to create new user stories and assign tasks for each user story.
    - Implement Unit test and integration tests to get 100% code accuracy before getting the code into different Environments

**Environment: Angular JS, Media Queries, Azure DevOps, Git, .Net Core, .Net Framework, VB .Net, SQL, Access DB, Azure Functions**

**Company: Moonshot Innovations**, USA October -2020 - To – Feb 2022

**Role:** Software Development Engineer

**Project Description**: Software Development Engineer responsible for client relations tool integrated to find out a client worksite location for each employee and assign work location for staff-bridge workday schedule shifts for Nurses and allocate different locations. This application serves as a multi-tenant-based model where each state consider as one tenants with single code base.

# Roles & Responsibilities:

* + - Develop highly interactive web applications utilizing JavaScript, HTML5, CSS, JSON, Angular JS 1,5, 2.0, Angular material & later versions and integrating Restful API’s, external web services ensuring high performance on Mobile and Desktop. Provide SEO solutions for single page apps
    - Built the Micro UI framework using angular 8 to communicate with micro service in architecture.
    - Developed single page application using Html5/CSS/AngularJS and Asp.Net web API/EF/SQL.
    - Understood the Domain-Drive-Design pattern how its implemented for Staffbridge and Workday domains.
    - Design the Application using Model View Controller (MVC) Architectural design pattern
    - Designed/Developed the maintainable/Testable C# business logic using OOPS concepts.
    - Analyzed the on-premises ASP.Net web application & developed proof concept on Azure Cloud migration solution.
    - Implemented Oauth 2.0 authentication/authorization for web API services
    - Implemented CORS for web API and to remove same-origin-restrictive security policy.
    - Hands on Experience on Debugging tools like Google chrome/Visual studio/Event viewer.
    - Refactored the existing code by implementing SOLID Design principles and Coding standards.
    - Involved in Performance Engineering Team for identifying the memory leaks in .Net Windows Service.
    - Created Build Pipelines/Release pipelines for deploying the application using Azure Devops.
    - Created the Stored Procedures/Tables/Views using T-SQL on MS SQL Server database.

**Company: Dclimate Inc** (NurturEnergy), USA Jan-2018- to - Oct 2020

**Role:** Full Stack Software Engineer

**Project Description**: Dclimate uses the product called Warranty application used all over the site in various locations by technicians to create and generate warranty claims. This product has different modules with React, JavaScript. Currently we are migrating to angular 9 with micro service architecture.

# Roles & Responsibilities:

* Develops & maintains software solutions by understanding information needs provided by the **PMO**.
* Work closely with the **business and multiple development, architecture, design, and test teams** to implement next generation applications.
* Developing BI applications utilizing SQL server, BI stack, Power BI,
* Influence and create new designs, architectures, standards, and methods for large-scale distributed systems
* Created **ASP.Net Core 3.1 REST full** services and Deployed in Azure WebApps
* Migrated ASP.NET Framework services to Asp.net core 3.1 apps as part of software modernization.
* Design **ASP.Net core, MVC web sites using Razor views and Angular.js** library and hosted in Azure Container Registry.
* Knowledge on **Mainframe and Midrange AS400 Systems.**
* Expertise in using **Angular** directives, Controllers, Filters, Services, Templets, Events, and Injectors.
* Developed Nunit test cases for **C#.net** module in the project and refactored into testable format.
* Used 3rd party controls like DevExpress and Infragistics for both windows and web applications.
* Extensively used **JQUERY, JSON, AJAX and DOM** scripting to create interactive web applications like message posting and auto complete form validations.

# Environment: ASP.Net Core 3.1, C#.Net, ADO.Net, IIS, Azure DevOps, Azure Cloud, Apache Kafka, Html5, CSS3, Bootstrap4, GitHub and SQL Server Database 2019.

**Company:** Amazon Aug -2013 -To - Aug - 2016

**Role:** Jr Developer (Internship)

**Project Description**: Intern at amazon for development of customer relations tool integrated to find out potential risky sellers and buyers on amazon website also known as A-Z claims generation across Amazon worldwide. This Application serve as a multi-tenant-based model where each state consider as one tenants with single codebase.

# Roles & Responsibilities:

* Develop highly interactive web applications utilizing JavaScript, HTML5, CSS, JSON, Angular JS 1,5, 2.0, Angular material & later versions and integrating Restful API’s, external web services ensuring high performance on Mobile and Desktop. Provide SEO solutions for single page apps
* Learned how a software problem can be analyzed and put it in computer understandable language.
* Developed user interface by using the React JS Flux for SPA development.
* Involved in building stable React components and stand-alone functions to be added to any future pages.
* Experience in making Responsive Web Pages using Media Queries and Bootstrap, Material Design lite for styling mobile applications.
* Write Scope Scripts to handle multi-million rows and for daily loading data from COSMOS Server and scheduling the data load using DataGrid.
* Developed various generic JavaScript functions used for validations.
* Designed dynamic and multi-browser compatible pages using HTML, CSS, Angular.js, JavaScript
* Fixed UI issues in amazon customer support center system using HTMLS5 and bootstrap.
* Created and Configured Azure Cosmos DB Trigger in Azure Functions, which invokes the Azure Function when any changes are made to the Azure Cosmos DB container.
* Developed and Scheduled Data Load jobs in Data Studio Tool/Cosmos UI using Scope Scripts from both Structured and Non-Structured streams.
* Developed OOPS concepts and testable components using C# programming language.
* Understand the requirements from Business analysts/other business stake holders.
* Designed Frontend within object-oriented JavaScript Framework like Angular.js, Node.js and Ext.js. **Environment: JavaScript, HTML5, CSS3, Angular2/4, Angular JS, React JS, Media Queries, DHTML, AJAX, JSON, DOM., AWS beanstalk, Azure DevOps, GitHub,**

# Educational Qualifications

* + MS in Technology from University of Central Missouri.
  + Bachelor of Technology from JNTU Hyderabad, India.