**Venkatesh M**

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**LinkedIn**

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**Professional Summary**

* A Qualified IT Professional with 6 years of experience as a Full Stack .NET Developer working in the software industry in various phases of the Software Development Lifecycle (SDLC) and Agile methodologies such as Analysis,
* Design, Development, Testing, Deployment, and Maintenance
* Currently, I am working as a Senior Software Engineer at JPMorgan Chase
* Have good knowledge in development technologies C#.NET, Azure Service Fabric, Microservices, Object-oriented programming (OOPs), MVC, SQL, ADO.NET, Web API, Angular 2/4, Entity Framework, JavaScript, Aurelia.JS, Dapper, Bootstrap, HTML, and CSS.
* Strong Foundation in C# and familiarity with .NET
* Extensively Knowledgeable in understanding Data Structures, Algorithms & Object-Oriented design concepts.
* Practical experience in creating Build and Release definitions using the VSTS pipeline.
* Hands-on experience with test frameworks XUnit, MSUnitUnit, Moq, etc.
* Experience using Visual Studio, Visual Code, TFS, VSTS, JIRA, Siebel, UFT, and HP QC.
* Have exposure to ASP.NET, Angular JS, jQuery, VBScript, and Python.
* I have a bachelor’s degree in computer science and engineering from JNTU Hyderabad.
* Good problem-solving skills.
* Expertise working with methodologies such as Waterfall, and Agile (SCRUM).
* Able to learn about new technologies quickly and adapt to a new environment.
* Hands-on experience with SDLC / AGILE and strong use of JIRA SPRINT software development methodologies.
* Self-organizing skills, good communication, and a committed team player.

**Technical Skills:**

**Languages:** C#.NET, ASP.NET, VB.NET, MVC, Web API

**Operating System:** Windows Family

**Concepts:** .NET Core, Entity Framework, SQL Server, ADO.NET, WEB API, Azure DevOps, Microsoft Service Fabric, Azure, Kubernetes, Microsoft Azure, Azure DevOps

**Editors (IDE):** Visual Studio, UFT, CodedUI, Visual Code, TFS, SQL Server

**Scripting Languages:** Python, VBScript, JavaScript

**Web Development Sills**: HTML, CSS, jQuery, Bootstrap, Angular JS, Angular 4, Prime NG, RActive.js

**Test Management Tool**: Quality Center (HP/ALM), Azure DevOps

**Defect Tracking Tools**: JIRA, Siebel, VSTS, Git

**Work Experience**

**Senior Software Engineer**, Sep 2023 to Current

**JPMorgan Chase –** Baltimore, MD

**Responsibilities:**

* Worked in Agile Scrum methodology and delivered accepted functionality in each sprint.
* Played a key role in feature implementation and enhancement, code refactoring, and defect fixing.
* Designed and developed Hybrid-Single Page Application using C# 5.0, .NET Framework 4.5, ASP.NET MVC 5, and AngularJS 1.5.
* Consumed SOAP APIs from enterprise customer systems and RESTful APIs provided by
* Other applications in the portfolio also created W&C RESTful APIs.
* Participated in UI design with Master Pages in MVC 5 and improved layout with HTML5, Bootstrap, and CSS3.
* Used AngularJS, and JavaScript to develop templates, controllers, and directives.
* Used RequireJS JavaScript library to dynamically load ASP.NET bundles.
* Used Math.net library to implement methods and algorithms for numerical computations.
* Provided database connectivity using Entity Framework 6.0, and LINQ, and designed stored procedures and views at the back end.
* Contributed to data migration from Oracle DB to SQL Server using PL/SQL and T/SQL.
* Generated data migration and transformation using SSIS and built reports with SSRS.
* Used OWIN interface to decouple server and application.
* Used JSON web token to do user authentication and secure information exchange.
* Using the Ninject for Dependency Injection to build a loosely coupled system.
* Used Dapper for Object-relational mapping (ORM).
* Used Repository and Factory design patterns to develop reusable code.
* Designed unit testing module with NUnit to test the application performance and availability.
* Heavily involved in code review, build, and deployment with GIT, Jenkins

**Environment:** .NET Framework 4.5, Visual Studio 2015, C# 5.0, ASP.NET 4.5, MVC 5.0, Entity Framework 6.0, Web API 2, SQL Server 2014, HTML5, CSS3, JavaScript, AngularJS 1.5, AJAX, IIS 7, LINQ, SSIS, SSRS, Git, Agile, Jenkins, NUnit

**Full Stack .NET Developer**, July 2022 to June 2023

**EPAM Systems** – New York, NY

**Responsibilities:**

* Developed Business Tier using C# 5.0 to implement classes and methods for business logic.
* Designed, developed, and enhanced the application using .NET Framework 4.0 and MVC 4.
* Developed Razor views with strongly typed view models, helpers, and partial views using ASP.NET MVC 4 to display required news and data on Dow-Sync’s Display section.
* Used SignalR and JavaScript to manage real-time data and enhance the real-time chat function for the Messaging section.
* Worked on UI layer using AngularJS 1.3/1.4 HTML5, CSS3, and Bootstrap to build rich, flexible, and user-interactive web pages.
* Consumed Web API RESTful for building Service-Oriented Applications hosted by IIS 7.0.
* Created WCF service using HTTP and SOAP protocol and maintained existing web services.
* Used SQL Server 2014 as a data repository, used LINQ to SQL together with Entity Framework 6.0 writing data access classes, stored procedures, triggers, and views to capture and modify data.
* Used Dow-Chat as a prototype, designed and implemented functions of the Messaging section.
* Published and deployed Dow-Sync and services through Azure.
* Use MSTest to design and develop phases of Test-Driven Development.
* Worked based on Agile SDLC.
* Used Git for version control across common source code used by developers.

**Environment:** .NET Framework 4.0, Visual Studio 2015, C# 5, ASP.NET 4.0, MVC 4, SignalR 2, ADO.NET, Entity Framework 6.0, SQL Server 2014, Oracle 11g, LINQ, RESTful API, WCF 4.0, HTML5, CSS3, AngularJS 1.3/1.4, AJAX, JQuery, Bootstrap, IIS 7.0, JSON, MSTest, Azure, Agile, Jenkins, TFS and Git

**Full Stack .NET Developer**, Aug 2020 to July 2021

**Juspay –** Hyderabad, India

**Responsibilities:**

* Contributed to both front-end and back-end ASP.NET MVC application development.
* Designed the application with Razor View Engine and used HTML helper to better generate HTML elements like forms and input fields.
* Generated data models in MVC using Entity Framework 6 Database First approach.
* Implemented Onion Architecture by using Entity Framework, Generic Repository and Unit of Work pattern in the project to implement loose-coupling and dependency injection.
* Implemented a Repository pattern to isolate the Data Access Layer to apply centrally managed consistent access rules and logic.
* Implemented strongly typed view by using data models to display data results and pass data to controllers.
* Used layout view and partial view to share common UI components like forms and navigation bar to improve code reusability.
* Used jQuery and AJAX by passing front-end data to controllers to achieve an auto-complete function.
* Developed user-friendly front-end using HTML5, CSS3, and Bootstrap3.
* Implemented Form Validation using Data annotation to validate correct input value and show the validation messages as well.
* Implemented custom Filter and Exception Filter to use on controllers and actions to execute business logic before and after action executed.
* Used ViewData, ViewBag, and TempData to pass data from the controller to view and display the data.
* Used Query string and name property to pass parameters for controllers to implement compare functions in the product page of the application.
* Enabled filter and order by functions on the search page to improve user experience.
* Used convention-based and attribute-based routing in ASP.NET MVC Routing to map URL patterns to controllers and actions.
* Collaborated with other developers through Git and used team project management tool like Jira.
* Experienced in Agile and Scrum-based environments for software development.

**Environment:** Microsoft C#, ASP.NET MVC 5, Entity Framework 6, MS SQL Server 2016, JavaScript, jQuery, AJAX, HTML5, CSS3, Bootstrap3, Jira and Git.

**Full Stack .NET Developer**, June 2017 to July 2020

**GGK Technologies**– Hyderabad, India

**Responsibilities:**

* Gathered detailed requirements from the Client for business and was Involved in identifying the opportunities to automate manual tasks using the Robotics Process.
* Designed and Implemented application with N-Tire architecture MVC.
* Responsible for the design, development, maintenance, and support of custom .NET
* applications which include the development and modification of both front-end and backend code.
* Consumed database using ADO.NET and worked on ADO.NET Data Reader, Data adapter, and Data Set to access data and save data.
* Worked on SELECT, UPDATE, INSERT and Delete SQL commands to successfully manipulate the database data.
* Used LINQ and Lambda expression to save and retrieve data from DataSet to List, to fulfill the functionality of searching feature.
* Implemented model bindings to retrieve data from user input to controller and vice versa.
* Generated Area in MVC to seperate application into small units which also contains MVC structure to manage the application.
* Developed WCF Service in an SOA architecture, participated in architecture definition, coding standards and naming conventions.
* Familiar with WCF Service client calls for data processing or data acquisition.
* Provided multiple endpoints for di!erent protocols by implementing address, binding and contracts.
* Used jQuery and AJAX to pass filtration data to controllers and achieve auto-complete function.
* Used ViewData, ViewBag, and TempData to display data.
* Used data annotations to validate data and set error messages for required input field.
* Used Git for version control and code merge.

**Environment:** C#, ASP.NET MVC 5, WCF, ADO.NET 6, MS SQL Server 2012, HTML5, CSS3, Bootstrap3 and Git.

**Education**

**Master of Science**: Computer Science

**University of Missouri - Kansas City.** Aug 2021 – July 2023

**Bachelor of Science**: Computer Science

**Jawaharlal Nehru Technological University,Kakinada.** June 2013- May 2017