Meghana Reddy

 Full Stack Developer

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 **OBJECTIVE**

A Software Engineer with 6+ years of experience encompassing complete Software Development Life Cycle (SDLC) from Analysis, Design, Development & debugging desktop and web-based applications in financial services healthcare industry and supply chain management business and in a paced Agile environment. Experienced in MS .NET full stack technologies including C#.NET, VB.NET, ASP.NET Core Web API, ASP.NET MVC, Azure, AWS, RESTful services, Angular, Python, SQL, SSIS and SSRS.

 **PROFESSIONAL SUMMARY**

* Solid experience in developing web and windows applications using ASP.NET Core, C#.Net, JIRA, Azure DevOps, ASP.NET MVC, ADO.NET, JSON, React, HTML, CSS, JavaScript, Typescript and Python.
* Full stack development experience working with Angular, React, .NET and Azure.
* Good experience in developing applications by applying Multithreading and thread synchronization techniques for creating high performance applications.
* Experience working with Azure DevOps, creating automated build processes and CI/CD pipelines.
* Experience with Kendo UI controls and Telerik controls in building interactive and high-performance websites and applications.
* Implement error handling mechanisms within Angular components and services.
* Deploying .NET Core backend services and Angular applications to AWS Cloud Platform.
* Managing software development projects using Jira, including creating and updating tasks, stories, and epics.
* Proficient in developing and maintaining databases, including complex stored procedures, functions, triggers, SQL queries, and views using SQL Server.
* Proficient in HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, TypeScript, and various front-end frameworks including Angular (Angular 13, Angular 14).
* Experience in using version control systems such as Azure DevOps, GIT, Team Foundation Server (TFS) and JIRA.
* Involved in various Phases of Software Development Life Cycle (SDLC) i.e., Analysis, Design, Development, Implementation, Testing and User Training of Enterprise Web-Applications, Stand alone and Distributed applications.
* Utilize Angular lifecycle hooks for handling component initialization, data retrieval, and cleanup.
* Handle data storage and database interactions within microservices. Handling data exchange formats like JSON and XML for seamless integration with external systems.
* Manage the deployment, scaling, and monitoring of .NET 6 microservices or applications within containerized environments using Docker.
* Skilled in optimizing .NET 6 applications for performance, including code profiling, database tuning, and caching strategies.
* Integration of .NET Core applications with legacy systems using web services such as SOAP or REST.
* Resolved stubborn and inconsistent memory leaks in the product with good analytical skills.
* Implementing security measures such as IAM roles, VPC configurations, and encryption to protect sensitive data and ensure compliance.
* Implement security measures such as authentication and authorization mechanisms provided by the NoSQL database.
* Expertise in creating various SQL queries, stored procedures, views, functions, and temporary tables.
* Experience in developing DTS and SSIS packages for data integration and SSRS for reporting.
* Familiarity with Agile software development approach and MVC (Model-View-Controller) architecture.
* Worked with MVVM, MVC, and Service-Oriented Architecture (SOA) design patterns.
* Familiarity with Agile software development approach and MVC (Model-View-Controller) architecture.

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming Languages**  | .Net, C#, VB .Net, WPF, AJAX, VBA, ADO.Net, PL/SQL, T-SQL, Java. |
| **Web Technologies** | ASP.NET, VBScript, Web API, ASP.NET MVC, Angular, JavaScript, React, HTML, XML Webservice, CSS, WCF, LINQ, Silverlight, ASP. |
| **Framework/Architecture** | MS Visual Studio, jQuery Mobile, SOA, Visual Studio Code. |
| **Application/Web Servers** | Microsoft IIS |
| **Version Control Management & IDE** | Azure DevOps, GIT, Team Foundation Server, JIRA, VSS. |
| **Reporting Tools** | PowerBI, SSRS, Crystal Reports, SSIS for Data warehouse. |
| **UI controls** | Telerik, Kendo |
| **XML Technologies** | XSL/XSLT, DOM, XPath, XSD |
| **Databases** | MS SQL Server 2018, 2019, 2022, Oracle, MS Access. |
| **Cloud Technologies**  | Azure |
| **Other Skills** | UML, Design Patterns, Core Reviews, Testing, Test Track, Star Team, win32, DOS, NUnit, Enterprise Library |

 **EDUCATION**

* Bachelor's in Electronics and Communication Engineer JNTUH University, May, 2017.
* Masters in computer science, University of North Texas, May, 2023.

 **WORK EXPERIENCE**

 **Fiserv, Milwaukee, Wisconsin 07/2023 to Present.**

**Role: Full Stack Developer**

**Responsibilities:**

* using ASP.NET, ASP.NET core, Angular 7,12, ASP.NET MVC, C# and back-end database as Microsoft SQL Server.
* Applied Agile Software Development and Scrum methodologies to develop and maintain custom data-centric Web Development, using ASP.NET, .Net Core, C#, HTML5, LINQ, MySQL, and various web services for collaborative project management.
* Implemented UI requirements using JavaScript/jQuery, HTML, CSS, and SQL for backend integration, creating dynamic and user interfaces.
* Used Microsoft SQL Server and SSIS to handle complex data conversion workflows, ensuring seamless integration with .NET.
* Created customized reports using SSRS (SQL Server Reporting Services) and integrated them into .NET-based applications.
* Developed dynamic and responsive front-end applications using React, Redux for state management, and modern JavaScript (ES6+), improving user experience and application performance.
* Implemented reusable React components and hooks to streamline development processes, reducing code redundancy.
* Implemented data binding and event handling in Blazor to create dynamic, interactive user interfaces with reduced JavaScript reliance.
* Integrated React front-end with .NET Core back-end services into mobile development RESTful APIs, ensuring seamless data exchange.
* Configured React Blazor security features such as authentication and authorization using ASP.NET Identity, OAuth2, JWT, and RBAC ensuring that only authorized personnel could access sensitive data.
* Used the Ideas Development of microservices-based architecture using .NET Core to handle high-volume transaction processing.
* Utilized Unix/Linux systems for server management and automated workflows using PowerShell scripts improving efficiency
* Implemented authentication and authorization mechanisms for GraphQL endpoints, ensuring data security and access control.
* Utilized Entity Framework Core with SQL Server Stored Procedure as the Relational Databases to store job history and configurations.
* Created Implementation Solutions for service discovery and resilience patterns (e.g., Circuit Breaker) to enhance system reliability
* Conducted end-to-end unit testing of Web Application Development on multiple browsers using tools like Selenium and Cypress, automating the validation of cross-browser compatibility behavior.
* Enforced security policies for Kubernetes clusters and applications, passing multiple security audits to safeguard data and infrastructure.
* Utilized Git, and Bitbucket for version control and development, contributing to build automation and integration testing (XUnit).
* Experienced in Test-Driven Development (TDD) using NUnit, Jasmine, and Karma, ensuring code quality through rigorous testing.
* Enhanced Service Oriented Architectures (SOA) by upgrading WPF, WCF service class, leveraging WSDL, SOAP, and LINQ to optimize XML Web Services, RESTful API, and retrieve user information.
* Deployed .NET applications to Microsoft Azure Cloud Services, including Azure Logic Apps, Azure Blob Storage, Azure Virtual Machines, Azure SQL Database, and Azure Storage, for scalable and reliable cloud-based solutions.
* Deployed and managed Azure Functions via Azure DevOps pipelines, ensuring continuous integration and delivery of serverless code in cloud environments.
* Leveraged Logic Apps for data transformation and orchestration, enabling seamless communication between various Azure services and external systems.

**Tools & Technologies:** Visual Studio 2019, .Net Framework 4.X, C#, LINQ, MS SQL Server, GIT, JIRA, Jenkins, SQL, ASP.net MVC, Angular 7,12, Typescript, JavaScript, .Net Core Web API’s, HTML, CSS, Bootstrap.

**Optum (Conduent), Hyderabad, India June 2018 to Jan 2022**

**Role: Dotnet Application Developer & Support Engineer- II**

**Responsibilities:**

* Proficient in Agile Methodologies, continuous delivery, ensuring high-quality software and product development in fast-paced environments with complex project timelines.
* Refactored and implemented a robust Assurant Automation Print Workflow management using SOLID Design Principles and design patterns such as N-Layer, Singleton, and Dependency Injection.
* Applied Object Oriented Design (OOP)in C# to build and Optimization of complex business Program logic.
* Led migrating a legacy monolithic application to a modular monolith using .NET Core, later transitioning to microservices.
* Developed custom middleware components in .NET Framework to handle request logging, authentication, and exception handling, centralizing cross-cutting concerns and improving API security.
* Responsible for creating web Api Development endpoints using the repository pattern and Dependency Injection principles.
* Optimized API performance using caching strategies (e.g., in-memory caching, distributed caching with Redis) for frequently accessed data.
* Created and deployed RESTful web services and dynamic web pages to deliver Responsive Design Documents and interactive user experiences, to handle high-volume print processing tasks.
* Integrated front-end frameworks like Bootstrap and jQuery with Razor views to enhance the user interface.
* Customized CSS3 frameworks (Bootstrap and Foundation) using preprocessors SASS and Compass.
* Developed and Database Optimization Design, and SQL Server Stored Procedures performance using T-SQL scripts and Entity Framework, improving data retrieval efficiency and ORM processes.
* Passionate about creating user-friendly Application Development with engaging interfaces using WPF, and WinForms, utilizing the MVVM (Model-View-View Model) pattern for clean code.
* Implemented Single Sign-on solutions using OAuth2 and OpenID Connect, enabling seamless user authentication in .NET Core.
* Developed GraphQL APIs using .NET Core, enabling clients to request precise data sets, reducing over-fetching and under-fetching data compared to RESTful APIs.
* Integrated RESTful APIs with React front-end using Axios and Fetch for seamless data fetching and state management.
* Implemented NOSQL Database Design like MongoDB for handling unstructured data, and designing scalable data models to support Complex Querying and Report Generation.
* Integrated VBScript with Active Directory and Windows Server to automate user account creation, permission assignments, and system configuration tasks.
* Monitored and maintained Kafka clusters using tools like Prometheus and Grafana, ensuring high-performance tuning, and error tracking.
* Leveraged Blazor’s WebAssembly to create Progressive Web Apps (PWAs), allowing users to experience offline capabilities.
* Written unit tests for .NET Core applications using XUnit, NUnit, and Moq, ensuring the stability of key features before deployment.
* Integrated microservices architecture like messaging systems (Azure Service Bus/Kafka) to provide real-time communication for status updates and RabbitMQ to handle long-running tasks asynchronously within .NET Core APIs.
* Implemented Docker containerization and Kubernetes for orchestration and management of microservices, ensuring efficient Software Deployment and scalability of the automation system.
* Used SQL Server Profiler and Azure SQL Query Performance, providing a Focus on Normalization and optimizing slow queries.
* Managed version control with GitFlow and Feature branching, enforcing pull request policies to ensure code quality.
* Implemented Continuous Integration (CI) pipelines with Microsoft Azure Platforms like Azure DevOps and Jenkins to automate the execution of unit tests and enforce TDD (Test-Driven Development) across Development teams for .NET Core applications.
* Integrated Azure Monitor and Azure Event Hub metrics tool to track performance, health, and error rates in real time for JIRA tickets.

**Tools & Technologies:** ASP.NET Web API, C#, ASP.NET 4.7, MS SQL Server (2019, 2022), ReactJS, Angular, jQuery, Kendo, REST API, Azure DevOps, JIRA, GIT, MS Visual Studio (2019,2022), SSIS, SSRS.

 **CGS, Hyderabad, INDIA June 2017 to May 2018**

 **Role: Software Developer**

 **Responsibilities:**

* Interacted with stakeholders and gathered requirements and business artifacts based on Agile SCRUM methodology.
* Developed multiple enterprise applications using ASP.NET Core, Entity Framework Core, ASP.NET MVC, ASP.NET Web API, and other .NET frameworks.
* Analyze customer requirements and designs solutions to meet the customer objectives and balances the needs of sales and delivery to design a solution that meets or exceeds the requirements of service delivery
* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery that meets accessibility and web browser standards for website.
* Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
* Called the Restful web services calls for POST, PUT, DELETE and GET methods.
* Architect, design and develop a system premised on CQRS and event sourcing.
* Closely worked with the architects and business analysts of the client in designing the solution
* Construct qualified solutions on .NET technologies, C#, Entity Framework, Typescript, Angular JS & SQL stored procedures encompassing process and technology
* Defining, developing, and executing unit and system tests as a standard part of the development process
* Induced good agile practices in a team practicing agile.
* Serve as technical subject matter expert to both internal and customer teams
* Work independently and provide technical solutions in a complex environment with multiple teams of solution architects/technical leads
* Participate or lead in customer presentations at the senior leadership level or higher

 **Tools & Technologies:** Visual studio, C#.NET Core, WCF, NServiceBus, SQL 2016 R2, GitHub, Visual Studio Online, IOC / DI, T4,SQL,Windows,WebAPI, AzDo