**Nithin M**

**Sr. Full Stack .NET Developer**

**PROFESSIONAL SUMMARY:**

* Over 10 years of experience as Full Stack .NET Developer with hands on experience in .NET Framework Web based application development using Microsoft.NET technologies including ASP.NET, C#, .NET Core, ADO.NET, WCF, WPF, NET, XML, and VB scripts and ASP and strong background in front-end technologies such as JavaScript, Angular, React, and Vue.js, and proficient in HTML5 and CSS3.
* Strong communication and collaboration skills, able to work effectively with project managers, business analysts, and other stakeholders to deliver software solutions that meet business requirements and objectives.
* Familiarity with agile methodologies such as Scrum and Kanban, and a commitment to continuous learning and keeping up to date with the latest trends and best practices in software development.
* Hands-on experience with version control systems such as Git and GitHub for managing codebase and team collaboration.
* In-depth knowledge of RESTful APIs and GraphQL, with a focus on integrating back-end services with front-end applications.
* Proficient in performance optimization techniques, ensuring smooth and scalable application performance.
* Adept at managing databases, including query optimization, indexing, and data migration, ensuring seamless data operations.
* Extensive experience in integrating third-party services and APIs to extend application functionality.
* Strong understanding of database development and design, including proficiency in SQL Server or Oracle.
* Knowledge of DevOps practices and tools such as Git, Jenkins, or Azure DevOps, and experience with continuous integration and deployment. Integrated Dapper into existing .NET applications to enable microservices architecture. And also have Good experience on DevOps essential tools like Docker, Kubernetes,
* Experience in developing application with .NET Framework 4.5/4.6/4.6.2/4.7/4.8 and associated technologies, including: as ASP.NET, ADO.NET, ASP.NET MVC, C#, SQL Azure, WPF, WCF, WinForms, Web Forms and SQL Server 2014/2016/2017/2019/2022, Web Services, AngularJS, NodeJS, ReactJS, Entity Framework and Messaging system.
* Experience in Microservices, AWS (Amazon Web Services), working with EC2, RDS, Dynamo DB, S3, CloudWatch and Docker.
* Experience in using JavaScript, jQuery, HTML 5, XHTML, CSS, Bootstrap Telerik, Kendo Controls, AngularJS, NodeJS, ReactJS, GULP JS, AWS, and AJAX framework in creating efficient and interactive Web applications.
* Extensively worked ASP.NET MVC4 applications using Database Code First Approach in Entity Framework 4.3/5.0, and UI in Razor View Engine, Blazor and client-side framework AngularJS, Bootstrap, HTML 5.
* Experience in creating dynamic web pages to get faster response time and to obtain partial updates using ASP.NET, Master pages and AJAX framework.
* Expertise in creating SQL objects like Tables, Stored Procedures, Views, Indexes, Triggers, Cursors, User defined data types and Functions using SQL.
* Experience with SQL Server Integration Services (SSIS) and Reporting Services (SSRS) packages for import and export of data for creating reports for business users and management.

**Technical Skills:**

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| Programming Languages: | C#, VB.NET, JavaScript, TypeScript, Python, SQL |
| Frameworks & Libraries | .NET Framework (4.5/4.6/4.7/4.8), .NET Core, ASP.NET (MVC, Web Forms), WCF, WPF, Entity Framework, Blazor, ReactJS, AngularJS, Node.js, Spring Boot, Flask, Django, jQuery, AJAX |
| Front End Technologies | HTML5, CSS3, JavaScript, ReactJS, AngularJS, Vue.js, Bootstrap, Kendo UI, Telerik, TypeScript, SASS, AJAX, jQuery, GULP JS, SCORM, xAPI, LTI |
| Database and Data Access | SQL Server (2014/2016/2017/2019/2022), MongoDB, Cosmos DB, DynamoDB, PostgreSQL, MySQL, ADO.NET, LINQ, Dapper, SQL Azure, Entity Framework |
| Cloud & DevOps | Azure (Service Bus, SQL, API Gateway, Cloud Services, App Services), AWS (EC2, RDS, S3, Lambda, DynamoDB, CloudWatch), Docker, Kubernetes, Helm, Jenkins, Azure DevOps, PowerShell |
| API Technologies | RESTful APIs, GraphQL, SOAP, OpenSearch, Kafka, Postman, Swagger |
| Version Control | Git, GitHub, TFS |
| Testing & CI/CD | NUnit, xUnit, Postman, Jenkins, Azure DevOps, Docker, Kubernetes, Helm, CI/CD Pipelines |
| Web Services & Messaging | WCF, Web API, Kafka, Microsoft Dynamics 365, Exchange Web Services (EWS), Azure Service Bus, IBM Queue, REST, JSON, XML, SOAP |
| UI Technologies | WPF, WinForms, Web Forms, Razor View Engine, Blazor |
| Other tools & Technologies | Power BI, SignalR, PowerShell, Apache Kafka, MS Teams API, SSIS, SSRS, Azure Web Apps, ServiceNow, Remedy 8.0, LINQ, Entity Framework, MongoDB, Cosmos DB |

**Professional Experience:**

**Full Stack .NET Developer**

**Performance Food Group | Chicago, IL. July 2023 – Till Date**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing, and Maintenance using Agile methodology.
* Designed and developed abstract classes, interfaces, and business logic using C#.NET.
* Worked on ASP.NET client-side and server-side state management using C#.NET.
* Designed GUI using ASP.NET MVC and business logic in C# MVC Controllers.
* Developed applications using MVC 5, C#, JavaScript, jQuery, Bootstrap, Angular 13, ReactJS, CSS3, and HTML5.
* Developed ReactJS/.NET web application using JavaScript, ASP.NET MVC 5, and C#.
* Developed Microservices APIs using Spring Boot and Angular 13.
* Created backend services to read data from Azure Service Bus and IBM Queue, updating data in Azure SQL.
* Developed RESTful APIs and microservices using Python frameworks like Flask and Django.
* Created Postman collections for testing API endpoints and automating tests.
* Worked with Dynamics 365/CRM for custom POS system development.
* Integrated EWS into .NET applications for Exchange Server interaction.
* Designed and developed .NET applications using MongoDB and Cosmos DB as backend databases.
* Developed reusable React components and libraries for code reusability.
* Created ARM Templates for Azure Application Gateway and Azure API Gateways.
* Implemented PowerShell scripts for Azure deployment.
* Managed user access and security roles within OneStream.
* Developed Kafka producers and consumers using .NET frameworks.
* Built data processing pipelines using Python (Pandas, NumPy).
* Developed client-side web applications using Blazor framework.
* Utilized Entity Framework for data manipulation and LINQ queries.
* Integrated React applications with RESTful APIs and GraphQL endpoints.
* Hosted Windows Web APIs and ASP.Net applications in IIS, and deployed using Azure.
* Managed Kubernetes charts with Helm and Jenkins for CI/CD pipelines.
* Built a trading platform with real-time market data, trading tools, and risk management.
* Implemented Restful API server with NodeJS and Express JS.
* Worked on .NET security features like Authentication, Authorization, and User Account Impersonation.
* Worked with Visual Studio, .NET Framework, SQL Server, and TFS.
* Utilized EWS managed API for accessing Exchange Server resources.
* Developed custom apps for MS Teams using Teams-specific app development framework.
* Integrated payment processing systems into financial applications.
* Optimized data models and partitioning strategies for Cosmos DB.

**Environment:** NET, C#, ASP.NET, MVC, Azure (Azure Service Bus, Azure SQL, Azure API Gateway), AWS Cloud (EC2, RDS, S3, CloudWatch), ReactJS, Angular 13, JavaScript, TypeScript, HTML5, CSS3, jQuery, Bootstrap, Node.js, Express.js, Python (Flask, Django), Microservices, RESTful APIs, GraphQL, Entity Framework, LINQ, MongoDB, Cosmos DB, Kafka, EWS API, Postman, PowerShell, Visual Studio, TFS, Jenkins, Docker, Kubernetes, Helm, Git, GitHub, MS Teams API, SQL Server, DynamoDB, SSIS, Power BI, SignalR, Kafka, Kendo UI, Telerik, NUnit

**Full Stack .NET Developer**

**Zurich Insurance | Addison, TX. Jan 2021 – Jun 2023**

**Responsibilities:**

* Followed Agile-driven software development projects, overseeing the entire SDLC process from requirements gathering to deployment.
* Employed Microservice architecture to improve application modularity and maintainability.
* Built dynamic, responsive user interfaces with React 16, using Next.js and Redux for state management and server-side rendering.
* Enhanced code maintainability using TypeScript and developed responsive UIs with HTML5, CSS3, and JavaScript for cross-browser compatibility and enhanced user experience.
* Designed reusable and scalable React components for consistent UI design across the application.
* Implemented advanced React hooks and context API for complex state management and streamlined code structure.
* Designed scalable backend architecture with .NET Core and C#, developing robust applications, RESTful APIs, and business logic.
* Developed RESTful APIs with ASP.NET Core and implemented GraphQL for flexible data querying.
* Streamlined content delivery using SCORM, xAPI, and LTI standards in LMS tools.
* Utilized ADO.NET for efficient data access and management across SQL Server and PostgreSQL.
* Deployed scalable services on Amazon EC2 and managed secure record storage on Amazon S3 with data encryption and lifecycle management.
* Used Amazon RDS for state management, automated backups, and AWS Lambda for cost-efficiency.
* Integrated OpenSearch with OAuth2.0 and Active Directory for secure access to data.
* Monitored real-time performance with AWS CloudWatch.
* Designed data workflows using SQL Server Integration Services (SSIS).
* Leveraged DynamoDB autoscaling for managing variable data loads.
* Developed interactive reports with Power BI for actionable insights.
* Containerized application components using Docker and managed deployments with Kubernetes.
* Conducted unit testing with xUnit and NUnit, and API testing with Postman.
* Enhanced user engagement with real-time communication via SignalR.
* Integrated Apache Kafka for real-time data streaming and event-driven architecture.
* Managed version control using Git and GitHub for team collaboration.

**Environment:** React 16, Next.js, Redux, TypeScript, HTML5, CSS3, JavaScript, .NET Core, C#, ASP.NET Core, GraphQL, RESTful APIs, SCORM, xAPI, LTI, ADO.NET, SQL Server, PostgreSQL, Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, OpenSearch, OAuth2.0, Active Directory, AWS CloudWatch, SQL Server Integration Services (SSIS), DynamoDB, Power BI, Docker, Kubernetes, xUnit, NUnit, Postman, SignalR, Apache Kafka, Git, GitHub

**.NET Developer**

**Wallmart Sep 2016 – Dec 2019**

**Responsibilities:**

* Interacted with business analysts and developed functional, technical design, and test specifications that satisfy business requirements.
* Responsible for designing ASP.NET application authentication using .NET Framework, MVC, and IIS security model.
* Developed GUI using ASP.NET Server Controls, User Controls, Custom Controls, and Master Pages with CSS for consistent design.
* Collaborated with team members to ensure seamless integration of WSF scripts and applications.
* Designed and implemented CRM solutions using .NET technologies, Microsoft Dynamics, Salesforce, and HubSpot.
* Developed custom scripts and workflows in Postman to automate tasks and improve testing efficiency.
* Implemented pagination, dialogs, date-picker, and autocomplete using Angular Material.
* Created Single Page Applications with dynamic views using AngularJS and NodeJS.
* Implemented data access layers using Dapper to connect to SQL Server, MySQL, and Oracle databases.
* Extensively used AngularJS for front-end development, including directives, factory, service, and filters.
* Used ReactJS for web application development to bind data retrieved from a database to the view.
* Worked on automation frameworks using Java/.NET/C++, JUnit, Spring Framework, REST, JSON, and XML.
* Worked in Azure Infrastructure Management (Web Role, Worker Role, SQL Azure, Azure Storage).
* Deployed Web Apps, created Web Jobs, and configured Cloud Platform (Azure SQL, Service Bus, Cloud Services).
* Designed Web Forms using ASP.NET and developed .NET assemblies with VB.NET classes.
* Created LINQ-enabled database layers using LINQ to SQL and Entity Framework.
* Designed and developed services using WCF with security mechanisms for intranet applications.
* Worked with SOAP-based web services to develop N-tier distributed .NET applications.
* Used ASP.NET Web Forms, Web Services, and State Management, along with caching and optimization features.

**Environment:** ASP.NET, .NET Framework, MVC, IIS, AngularJS, NodeJS, Angular Material, Dapper, SQL Server, MySQL, Oracle, ReactJS, Java, C++, JUnit, Spring Framework, REST, JSON, XML, Azure (Web Role, Worker Role, SQL Azure, Azure Storage, Service Bus), WCF, LINQ to SQL, Entity Framework, SOAP Web Services, Azure Web Apps, Postman, jQuery, AJAX.

**.NET Developer**

**Ameriprise Financial Servicer, Minneapolis, MN June 2014 – Aug 2016**

**Responsibilities:**

* Designed and developed web applications using ASP.NET MVC, VB, and C# to meet application development and maintenance requirements.
* Utilized MS SQL Server for database management, optimizing queries and ensuring seamless integration with web applications.
* Implemented AJAX and jQuery to enhance user interactivity and improve front-end performance in web applications.
* Integrated ADO.NET and Entity Framework for data access, ensuring efficient and scalable communication between the application and database.
* Applied ITIL standards to manage service requests, incident resolution, and application maintenance, ensuring timely support to application users.
* Collaborated in regular team meetings to provide updates, resolve issues, and deliver enhancements for various applications.
* Monitored server activities as part of daily tasks to ensure successful execution of scheduled jobs and processes.
* Identified and troubleshot bugs and issues, providing workarounds and solutions to ensure application stability and performance.

**Environment**:  
ASP.NET MVC, VB, C#, MS SQL Server, AJAX, jQuery, ADO.NET, Entity Framework, Remedy 8.0, ServiceNow, ADO Dashboard.