**Mallika**

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# Professional Summary:

* About 5 years of experience as a .NET Full Stack Developer, working on enterprise applications across Healthcare and Education domains.
* Strong expertise in .NET Core, ASP.NET MVC, C#, and Entity Framework, developing scalable and high-performance applications.
* Proficient in front-end technologies, including ReactJS, Angular, TypeScript, HTML5, CSS3, Bootstrap, Tailwind CSS, jQuery, and JavaScript for building dynamic and responsive user interfaces.
* Experience in state management using Redux Toolkit to optimize React applications.
* Skilled in developing and consuming RESTful APIs using .NET Core Web API and implementing microservices architecture for improved scalability and performance.
* Strong database experience with SQL Server, including query optimization, stored procedures, views, indexing, and performance tuning.
* Expertise in ETL development using SSIS and SQL Server Reporting Services (SSRS) for reporting and data processing.
* Worked with Azure services, including Azure DevOps, CI/CD pipelines, Azure Blob Storage, and ADF Pipelines for cloud deployment and data management.
* Hands-on experience with authentication and authorization techniques, including JWT-based authentication and role-based access control.
* Knowledge of dependency injection (IoC) in .NET Core for better modularity and maintainability.
* Strong background in Agile methodologies (Scrum, Sprint Planning, Daily Standups) and experience using Git for version control.
* Hands-on experience with Docker and containerization for microservices deployment.
* Strong debugging, problem-solving, and code review skills to maintain high code quality and application performance.
* Experience working in a collaborative team environment, troubleshooting complex issues, and contributing to documentation and knowledge sharing.

# Technical Skills:

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| Programming Languages: | C#.NET, Java, Python |
| Databases: | SQL Server |
| NET Platform | .Net Core, C#.NET, ASP.NET Web Forms, ASP.NET, Web API, Microservices |
| Web Technologies: | HTML, CSS, JavaScript, jQuery, ReactJS, Angular, TypeScript |
| Cloud Technologies: | Microsoft Azure, AWS |
| Development Methodologies: | Agile, Scrum, SDLC |
| Version Control: | Git, TFS, Bit Bucket |
| Tools & Technologies: | Visual Studio, Postman, Power BI, UML Tools |
| Operating Systems: | Windows, Linux |

# Professional Experience:

**Role: .Net Full Stack Developer**

**Tacony Corporation, St. Louis, MO July 2024 – Present**

**Responsibilities:**

* Developed and maintained a React-based Single Page Application (SPA) for Tacony Corporation, enhancing user experience and operational efficiency.
* Developed dynamic web pages for the application with ASP.Net MVC using Razor View Engine, C#.Net, HTML5, CSS3, jQuery, JavaScript, AJAX for rich and responsive user interface.
* Implement Form Based authentication and Role based authorization to authenticate users using JWT (JSON Web Token).
* Design and develop RESTful services using ASP.Net Core Web API to provide and consume services from different applications.
* Integrated third-party APIs to enhance business operations and streamline data exchange processes.
* Created and managed relational database structures using SQL Developer, including Tables, Stored Procedures, and Views for efficient data operations.
* Optimized SQL Server queries and database structures to enhance data retrieval efficiency.
* Extensively using SQL as the database and Entity Framework Core database first approach for database connectivity. Also used DDL, DML and Indexing while performing operations.
* Designed and developed reports using SQL Server Reporting Services (SSRS) for data visualization and business insights.
* Implemented ETL workflows to manage business-critical data, ensuring smooth integration, validation, and loading processes.
* Created detailed data mappings for business attributes, linking them across systems and automating ETL processes within Azure Data Factory (ADF) pipelines.
* Integrated ADF pipelines with Azure Blob Storage for storing and managing invoice files.
* Implemented microservices architecture using .NET Core and C# to improve system scalability and performance.
* Ensured high code quality through unit testing, debugging, and code reviews.
* Utilized Azure DevOps for CI/CD pipelines, ensuring seamless deployment and version control.
* Actively participated in Daily Scrum meetings, Sprint Planning, and Retrospective meetings.

**Environment:** .NET Core, ASP.NET MVC, Entity Framework, SQL Server, SSIS, SSRS, Web API, Visual Studio, Azure, GIT, React, Angular, Docker

**Role: .Net Full Stack Developer**

**McKesson Corporation, Dallas, TX Sep 2023 – May 2024**

**Responsibilities:**

* Developed and maintained internal desktop and console applications using .NET Core, ASP.NET MVC, and C#.
* Developed dynamic web pages for the application with ASP.Net MVC using Razor View Engine, C#.Net, HTML5, CSS3, jQuery, JavaScript, AJAX for rich and responsive user interface.
* Extensive use of MS SQL Server for database management, query optimization, and data handling.
* Worked in Veracode remediation projects to prevent code vulnerabilities and implemented suggested code fixes post scan results.
* Collaborated with senior developers to troubleshoot, debug, and enhance existing applications.
* Worked with bitbucket and Git for version control and source control and adhered to Agile methodologies (Scrum).
* Contributed to the improvement of application performance by implementing enhancements in ASP.NET Core.
* Deployed applications using Azure DevOps and GitHub actions.
* Wrote and maintained comprehensive documentation for development processes and application features.
* Used JIRA as the project management tool for tracking and managing the work.

**Environment:** .NET Core, ASP.NET MVC, Entity Framework, SQL Server, Web API, Visual Studio, Azure, GIT, Bitbucket, JIRA, Node JS

**Role**: **.Net Full Stack Developer**

**Cognizant Technology Solutions, India Nov 2020 – Dec 2022**

**Responsibilities**:

* Creating and maintaining software applications through all stages of the Software Development Lifecycle (SDLC).
* Experience in designing and coding APIs that are clean, well-documented, and reusable, leveraging C#/.NET technologies, RESTful APIs, and microservices architecture to meet high scalability and reliability standards.
* Utilized dependency injection and inversion of control (IoC) in .NET Core for reduced dependency.
* Skilled in developing and deploying web applications using Microsoft technologies, including .NET Framework, .NET Core, ASP.NET MVC, and modern web technologies like ReactJS, TypeScript, HTML, CSS, and JavaScript for dynamic front-end solutions.
* Developed scalable React applications using component-based architecture.
* Designed and implemented responsive UI with modern CSS frameworks like Tailwind CSS and Bootstrap.
* Experience in database management, including writing complex SQL queries, optimizing stored procedures, and ensuring efficient data handling with SQL Server and reporting tools like SSRS.
* Developed and optimized SQL Server performance and troubleshooting memory leaks.
* Knowledge in Agile Development methodologies with practical experience in Scrum practices, including sprint planning, daily stand-ups, retrospectives, and continuous delivery workflows.
* knowledge on automated unit testing methodologies and CI/CD pipelines using Azure DevOps.
* Strong debugging and problem-solving skills, adept at conducting root cause analysis, system integration testing, and implementing long-term fixes to address technical issues.

**Environment:** .NET Core, ASP.NET MVC, Entity Framework, SQL Server, Web API, Visual Studio, Azure, GIT, React, Angular

**Role: Internship Trainee**

**Cognizant Technology Solutions, India Jun 2019 – Oct 2020**

**Responsibilities**:

* Worked closely with the business user group to understand the requirements and the need of the system.
* Built Windows applications using VB.NET, working with forms, controls, event handling, and data binding.
* Actively participated in Daily Scrum meetings, Sprint Planning, and Retrospective meetings.
* Developed interactive and dynamic web pages using ASP.NET MVC (Razor View Engine), C#.NET, HTML5, CSS3, jQuery, JavaScript, and AJAX.
* Designed and implemented business logic using C#.NET.
* Created data-driven Web Forms with ASP.NET, HTML5, Bootstrap, and CSS.
* Used master pages and partial views to maintain a consistent layout across applications.
* Designed ASP.NET content pages compatible with both desktop and mobile devices.
* Used JSON for seamless data transmission between the server and web applications.
* Developed reusable User Controls and Custom Controls, along with rich server controls for ASP.NET pages.
* Implemented client-side validations with jQuery and used AJAX for asynchronous Web API calls.
* Built a data access layer using Entity Framework.
* Created and optimized SQL Server database objects like Tables, Stored Procedures, and Views for efficient data handling.
* Documented code and development processes for better clarity and team knowledge sharing.
* Took part in code reviews to learn best practices and improve coding skills.

**Environment:** .NET Framework, ASP.NET MVC, Entity Framework, jQuery, SQL Server, Web API, Visual Studio, VB.NET, Azure, GIT, Node JS