Manoj Dilip Marmat

.NET Full-Stack Developer

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Summary

Full Stack Developer with 1.6+ years of experience in designing and developing scalable ERP applications and web solutions using .NET Core, ASP.NET MVC, C#, and JavaScript. Expertise in building and consuming RESTful APIs, SQL Server optimization, and creating dynamic, **responsive UIs** with **TypeScript**. Proven ability to implement high-performance solutions with multithreading and Redis Cache for enhanced scalability. Proficient in Agile methodologies and JIRA for efficient project management. Strong understanding of the complete Software Development Life Cycle (SDLC), including system design, development, testing, and deployment, with a focus on delivering robust and maintainable code.

Experience

Senwell Group Private Limited

Oct 2024 - Present Pune, Maharashtra

Software Developer

scalability.

https://senwellsys.com/

- Optimized API performance by implementing parallel query execution, indexing, and refining business logic, achieving API response times of 1 second in the best case and under 5 seconds in the worst case, significantly improving system responsiveness and
- Designed and deployed microservices architecture using .NET Core and Web APIs, enhancing system modularity and scalability. Actively debugged and resolved critical bugs in microservices, ensuring seamless operation and system stability.
- Worked with PostgreSQL to improve database performance, contributing to database optimization and enhancing scalability for future growth. Utilized Entity Framework Core for efficient data mapping and optimized SQL queries, including Stored **Procedures** and **dynamic queries**, to improve database interactions and performance.
- Implemented the Repository Pattern to abstract data access logic, promoting separation of concerns and improving codebase maintainability. Developed robust .NET components for seamless integration with PostgreSQL, optimizing data management and query efficiency.
- Enhanced system flexibility by making key functionalities configurable, allowing dynamic adaptation to evolving business requirements.

Environment:

ASP.NET Core, Web APIs, C#, Entity Framework Core, PostgreSQL, Microservices, Repository Pattern, SQL Optimization, Agile, Stored Procedures, Business Logic Refinement, Parallel Query Execution, Database Performance Tuning, Dynamic SQL Queries, System Modularity, Separation of Concerns.

GOLDEN DIGITECH PRIVATE LIMITED

Jun 2023 - Aug 2024

.NET Developer

Mumbai, Maharashtra

- Designed, developed, and deployed applications using ASP.NET Core, ASP.NET MVC, and .NET technologies, building dynamic, responsive web applications and microservices architectures that improved system scalability and modularity.
- Utilized Entity Framework Core for efficient database CRUD operations, data mapping, and optimized SQL queries, including complex queries, stored procedures, and dynamic SQL, resulting in faster database interactions and improved performance.
- Applied LINQ queries and SQL optimization techniques to enhance database performance and streamline data access, ensuring high-performance and scalability.
- Designed and developed dynamic UI layouts using JavaScript, TypeScript, and Bootstrap, creating responsive and mobile-first web pages to ensure compatibility across various devices and screen sizes.
- Managed version control and continuous integration using Git and GitHub, ensuring smooth collaboration and consistent deployment processes.
- Integrated Repository Pattern and Unit of Work Pattern to abstract data access logic and promote separation of concerns, improving maintainability and reducing code duplication.

Environment:

ASP.NET Core, ASP.NET MVC, Entity Framework Core, LINQ, SQL, JavaScript, TypeScript, Git, GitHub, Bootstrap, Microservices, Agile, Repository Pattern, Generic Pattern, Unit of Work Pattern, SQL Optimization, Responsive Design, Version Control, Continuous Integration.

Education

Sant Gadge Baba Amravati University, Amravati

Jun 2018 - Jun 2022

Computer Science and Engineering

8.5 GPA

Bachelor of Engineering (BE)

https://sgbau.ac.in/

Internship and Freelancing Experience:

Software Engineer Intern

<u>DataChai.ai</u> | Jun 2021 – Sep 2021

Contributed to software development tasks, gaining hands-on experience in advanced software engineering practices.

Freelance Frontend Developer

UpWork | Nov 2020 - Mar 2021

Developed interactive, responsive, and user-friendly websites for clients using HTML, CSS, JavaScript, and frontend frameworks.

Open Source Contributions:

Hacktoberfest 2022 – Participated and earned a badge for contributing to open-source projects, demonstrating a commitment to collaborative development and community involvement.

Agile, Scrum

Skills	Programming Languages: C#, JavaScript, TypeScript, SQL	Backend Technologies: .NET Core, ASP.NET MVC, Entity Framework Core, LINQ, Web API, ASP.NET Web API	Frontend Technologies: Angular (Beginner), HTML5, CSS3, JavaScript, Bootstrap	Databases: SQL Server, MySQL, PostgreSQL (Beginner)
	Version Control:	Tools & IDEs:	Project Management:	
	Git, GitHub	Visual Studio, Visual		

Studio Code, JIRA,

Postman