Darshana Wijesinghe

Senior Software Engineer | .NET | .NET Core

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SUMMARY

Self-taught software developer with over 5 years of experience in .NET related technologies. Successfully contributed to projects across various domains, including Pharmaceuticals, Travel, Retail, E-commerce, and Property Management. Passionate about backend development and continuously seeking to enhance technical skills and knowledge in this area.

SKILLSET

Languages	C#, SQL, JavaScript, HTML, CSS
Frameworks	.NET, .NET Core, Entity Framework, ASP.NET, WorkflowCore, Quartz.NET
Architectures	Monolithic, Multitier, MVC, Clean Architecture
Design patterns	Repository, Factory
Security	ASP.NET Core Identity, JWT, OAuth 2.0, OpenID Connect
Web Services	WCF, WEB / REST APIs, SignalR
Databases	MSSQL, MySQL, MongoDB
Cloud	Azure App Service, Azure AD, Azure Functions, Blob Storage, Azure SQL Database
DevOps	CI/CD (Azure Pipelines, GitHub Actions)
Caching	In-Memory, Response, Redis
Unit Testing	MSTest, xUnit
Tools	Git, Visual Studio, VS Code, Postman, draw.io

WORK EXPERIENCE

Senior Software Engineer | I T Solutioners Lanka, LK

Contract – 3 mos.

- Improved ERP modules for better performance and usability.
- Ensuring code quality and adherence to best practices for scalability and maintainability.
- Planning process workflows and setting deadlines.
- Used version control systems like TFS for efficient code management.

Key Achievement

- Contributed to the **ERP system of Rockland Distilleries** (10/2024 – Present), a centralized platform managing inventory, sales, and finance.

Tech stack

- .NET Core 5.0, C#, LINQ, EF, MSSQL, WorkflowCore, Caching, jQuery, TFS, draw.io, and Agile (Scrum).

Software Engineer | Waterlily Labs (Pvt) Ltd, LK

02/2023 – 09/2024

- Participated in full lifecycle software development, transforming requirements into robust software solutions.
- Wrote clean, maintainable code and troubleshoot and resolve complex software issues.
- Used version control systems like TFS for efficient code management.
- Conducted thorough code reviews to ensure high code quality and adherence to best practices.
- Worked within Agile Scrum methodologies to optimize product quality.
- Mentored junior developers and share knowledge to encourage team collaboration and growth.

Key Achievements

- Contributed to the **Property Management System** (03/2023 – 09/2024), developing backend functionalities for managing landlords, tenants, repairs, and finances, while ensuring high-quality standards through unit testing and code reviews.

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- Led the **Report Generator Module** project (02/2023 – 03/2023), integrating backend features for generating, exporting, and scheduling reports, and mentored junior developers in implementation and troubleshooting.

Tech stack

- .NET 4.7, C#, .NET Core 8, LINQ, EF, Identity, MySQL, MSSQL, SignalR, MSTest, Caching, Azure AD, TFS, jQuery, draw.io, and Agile (Scrum).

Software Developer / Software Engineer | Heptagon Software Solution, LK
03/2018 – 09/2022

- Designed, developed, and released software solutions aligned with company and client goals.
- Contributed to both front-end and back-end development, enhancing user interfaces and backend processes.
- Provided reliable and efficient solutions, meeting client requirements without disruption.
- Participated in requirements gathering and client support.

Key Achievements

- **Contributed to the Inventory System with POS (09/2019 – 09/2022)**, enhancing backend and frontend functionalities to improve inventory control and POS systems, ensuring seamless installation and deployment.
- **Developed the Pharmaceutical E-commerce Store (04/2022 – 09/2022)**, working on both front-end and back-end development to create a fully functional platform with a scalable admin panel, improving the online sales experience.

Tech stack

- .NET 4.5, ASP.NET 4.6, C#, MSSQL, WCF, APIs, Win Services, Crystal Report, draw.io, HTML, CSS, JavaScript.

EDUCATION

Higher Education Qualifications (HEQ)
British Computer Society (BCS). Expected Completion in 2025