

DARSHANA WIJESINGHE

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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

	PROFESSIONAL PRACTICE	HANDS-ON PRACTICE
LANGUAGES	C#, SQL, JavaScript, HTML, CSS	
FRAMEWORKS	.NET, .NET Core, Entity Framework, ASP.NET, WorkflowCore	.NET Core Worker Service
ARCHITECTURES	Monolithic, Multitier, MVC, Clean Architecture	Client-Server
DESIGN PATTERNS	Repository, Singleton	Factory
WEB SERVICES	WCF, APIs (REST / WEB), SignalR	
SECURITY	ASP.NET Core Identity	JWT, OAuth 2.0, OpenID Connect
DATABASES	MSSQL, MySQL	MongoDB
CACHING	In-Memory, Response	
CLOUD		Azure App Service, Azure Functions (HTTP triggers), Blob Storage (file handling), Azure SQL Database
DEVOPS	CI/CD (Azure Pipelines, GitHub Actions)	
UNIT TESTING	MSTest	xUnit
TOOLS	Git, Visual Studio, VS Code, Postman	
LEARNING RESOURCES	Google, Stack Overflow, ChatGPT	

WORK EXPERIENCE

Senior Software Engineer | I T Solutioners Lanka, LK Contract – 3 mos.

I T Solutioners Lanka is a local IT firm with a small, agile team primarily focused on developing and customizing software solutions tailored to local business needs.

Responsibilities

- Analyzing the client's existing ERP modules to identify areas for improvement.
- Ensuring code quality and adherence to best practices for scalability and maintainability.
- Planning process workflows and setting deadlines.

Projects

1. ERP system of Rockland Distilleries 10/2024 – Present
- Overview:** Serves as a centralized platform to manage core business operations, including inventory, sales, finance.
 - Contribution:** Designing and implementing modifications to the Discount and Incentive modules.
 - Tech stack:** .NET Core 5.0, C#, LINQ, EF, MSSQL, WorkflowCore, jQuery, and Agile (Scrum)

Software Engineer | Waterlily Labs (Pvt) Ltd, LK 02/2023 – 09/2024

Worked with a team in a collaborative environment to develop and deliver high-quality software solutions for clients in the UK.

Responsibilities

- 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 and Git to manage code revisions and maintain project history efficiently.
- Identified, diagnosed, and efficiently resolved issues throughout the software development process.
- Conducted thorough code reviews to ensure high code quality and adherence to best practices.
- Created detailed technical documentation that supports project objectives and team needs.
- Facilitated continuous iteration of development and testing using Agile Scrum methodologies to optimize product quality.
- Mentored junior developers and share knowledge to encourage team collaboration and growth.

Projects

- 1. Property Management System** 03/2023 – 09/2024
 - **Overview:** A system that specialized in the social housing sector and high street estate agents, covering management of sub-agents, landlords, tenants, repair management, finance, and reporting.
 - **Contribution:** Worked on backend implementations, conduct unit testing, perform code reviews, and manage the team.
 - **Tech stack:** .NET 4.7, C#, LINQ, EF, MySQL, and Agile (Scrum)
- 2. Report Generator Module** 02/2023 – 03/2023
 - **Overview:** A module that can generate, download, export, and schedule reports by applying various filters after the administrators have added the SQL queries and procedures.
 - **Contribution:** Worked on backend implementations, fixed identified issues, guided junior developers, and integrated the module into core projects.
 - **Tech stack:** .NET 4.7, C#, LINQ, EF, MySQL, and Agile (Scrum)

Software Engineer | Heptagon Software Solution, LK

09/2019 – 09/2022

Worked in a team to deliver technology solutions tailored to meet the needs of clients in Sri Lanka.

Responsibilities

- Designed, developed, and released software solutions aligned with the company's and client's goals.
- Actively contributed to both front-end and back-end development, enhancing user interfaces and backend processes.
- Provided reliable and efficient solutions to clients, meeting their requirements without disrupting their day-to-day practices.
- Actively participated in requirements gathering and provided support to clients as needed.

Projects

- 1. Inventory System with POS** 09/2019 – 09/2022
 - **Overview:** System that specialized in POS and inventory solutions, offering a highly functional inventory control system with unmatched data accuracy.
 - **Contribution:** Worked on front-end and backend developments in major modules as well as the releasing and installations.
 - **Tech stack:** .NET 4.5, C#, MSSQL, WCF, APIs, Win Services, Crystal Report

2. Pharmaceutical e-commerce store

04/2022 – 09/2022

- **Overview:** A fully functional and scalable e-commerce store with a desktop admin panel for a leading pharmacy chain in Sri Lanka.
- **Contribution:** Worked on both front-end and back-end developments as well as the final publishing phase.
- **Tech stack:** ASP.NET 4.6, C#, MSSQL, APIs, Win Services, HTML, CSS, JavaScript

EDUCATION

Higher Education Qualifications (HEQ)

British Computer Society (BCS)

Expected Completion: 2025