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

Frameworks	:	.NET, .NET Core, Entity Framework, ASP.NET
Languages	:	C#, SQL, JavaScript, HTML
Databases	:	MSSQL, MySQL, MongoDB
Architectures	:	MVC, Three-Tier, Clean Architecture
Tools	:	Git, TFS, Azure (CI / CD)
Testing	:	MSTest, xUnit
Technologies	:	WCF, APIs (REST / WEB)

WORK EXPERIENCE

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

Working with a small team in a collaborative environment to develop and deliver high-quality software solutions for clients in UK

Responsibilities

- Participate in full lifecycle software development, transforming requirements into robust software solutions.
- Write clean, maintainable code and troubleshoot and resolve complex software issues.
- Use version control systems like TFS and Git to manage code revisions and maintain project history efficiently.
- Identify, diagnose, and efficiently resolve issues throughout the software development process.
- Conduct thorough code reviews to ensure high code quality and adherence to best practices.
- Create detailed technical documentation that supports project objectives and team needs.
- Facilitate continuous iteration of development and testing using Agile Scrum methodologies to optimize product quality.
- Mentor junior developers and share knowledge to encourage team collaboration and growth.

Projects

1. **Property Management System**   03/2023 – Present
   - **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**: Work 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 Developer | Heptagon Software Solution, LK   09/2019 – 09/2022

Worked in a team of 4 engineers 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

3. **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

4. **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)   BCS | Present

CERTIFICATES

Di TEC – Diploma in Information Technology   ESOFT Metro Campus | 01/2016 – 04/2016