



PROFILE

I'm a Computer Science undergraduate who is passionate about the tech industry. During my studies, I participated in tech events to learn and collaborate with like-minded individuals. I also gained experience as a TechBee at HCLTech (Pvt) Ltd. I'm committed to making a positive impact through my work and contributing to the growth of the industry.

CONTACT

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TASHINI WEERASOORIYA

- Undergraduate in COMPUTER SCIENCE at the University of Westminster (2022-2026)
- Having 18 months of experience in Software Development
- Training completed at HCL includes:
 - ✓ Classroom Training
 - ✓ On the Job Training
- Possess technical expertise in:
 - ✓ Java, C#, MS-SQL server, ASP.NET MVC, WebAPI
- A speaker who is assured and possesses leadership and analytical abilities.
- Currently following Flutter, React JS, and Spring Boot.

WORK EXPERIENCE

Intern - HCL Technologies Sri Lanka (2022-Present)

TECHNICAL SKILLS

- ❖ Python
- ❖ Java
- ❖ C#
- ❖ MS SQL Server (SQL)
- ❖ ASP.Net MVC
- ❖ HTML
- ❖ CSS
- ❖ JS
- ❖ Java-Spring Boot
- ❖ React JS

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PROJECT DESCRIPTIONS

1. Development of a Book Store Website – (November – January 2022, HCL Technologies)

- **Domain: Education**

- o This is a C#, MVC, and .NET-based website where we developed a GUI to add books to the store and the user can buy different kinds of books according to their preferences.

- ✓ Creating the Login Page for the website.
- ✓ Creating the Register Page where the user can sign up.
- ✓ Helped with some functionalities in the front end of the web page.

- o Development languages and technologies:

- C#, MVC & .NET
- HTML, CSS

2. Development of a Blood Bank Management System – (January – March 2022, HCL Technologies)

- **Domain: Health Care**

- o We have designed and developed a website for managing a blood bank system. With this system, users can easily view the available blood types and their corresponding quantities and can also make blood donations to the system. The website provides two different login options - one for donors and the other for administrators. Overall, the website provides a user-friendly platform for managing blood donations and ensuring that blood is readily available when needed.

- ✓ Creating the Login Page for the website.
- ✓ Creating the Register Page where the user can sign up.
- ✓ Helped with some functionalities in the front end of the web page.

- o Development languages and technologies:

- C#, MVC & .NET
- Web API

3. Development of a Skin Consultation Management System (October 2022 - January 2023, UOW Individual Coursework)

- **Domain: Health Care**

- o This Java-based application, which has both a console system and a graphical user interface (GUI), was developed as a side project to control the processes involved in a skin consultation management system. The system administrator can add information on doctors, and users can utilize the system to schedule consultations.
 - ✓ UML class diagram with use case diagram for low-level design development.
 - ✓ Implementing a GUI allowing people to make appointments using the doctor's functionality via a console menu.
 - ✓ Unit testing is carried out for the console application.
 - ✓ Making a report with strategies and a test case document.
- o Development languages and technologies:
 - Java, Java Swing
- o Project testing conducted using: Junit Testing

4. Development of a Musical Website - (February - April 2023, UOW Group Coursework)

- **Domain: Entertainment**

- o Created a website called "Guitar Store" that sells electric, bass, acoustic, and classical guitars, all with a user-friendly interface. Users can explore many musical genres and purchase musical equipment here.
 - ✓ Developed the Main Home page for the website.
 - ✓ Created a content page under the topic of Medieval Musical Instruments.
 - ✓ Developed the Comments Form where we get the user's feedback.
 - ✓ Created a Page editor page to link my works.
- o Development languages and technologies:
 - HTML, CSS, and JavaScript

5. Development of Fuel Queue Management System (May – June 2023, UOW Individual Coursework)

- **Domain: logistic**

- o Developed a "Fuel Queue Management" web application with service plans, a user profile page, and an admin access page.
 - ✓ Created the console application by using Java.
 - ✓ Designed the GUI part.
- o Development languages and technologies:
 - Java

6. Examination Marks Evaluation System (February - April 2022, UOW Coursework)

- **Domain: Education**

- o Developed an "Examination Marks Evaluation System" web application with service plans, a user profile page, and an admin access page.
 - ✓ Created the console application by using Python.
- o Development languages and technologies:
 - Python

7. Development of a Puzzle Solver - (March 2024, UOW Coursework)

- **Domain: Computer Science**

- o Created a program to solve puzzles by finding the shortest path between two points, utilizing advanced data structures and algorithms.
 - ✓ Developed the core algorithm to efficiently compute the shortest path.
 - ✓ Created test cases to validate the accuracy and performance of the algorithm.
 - ✓ Optimized the code for better performance and reduced computational complexity.
- o Development languages and technologies:
 - Java, Data Structures (Graphs, HashMap, Priority Queues)
 - Pathfinding Algorithm (Dijkstra's).

8. Development of a Portfolio Website - (May - Present 2024)

- **Domain: Computer Science**

- o Creating a portfolio website to showcase my skills and the work I have done.
 - ✓ Developed the main page.
- o Development languages and technologies:
 - React.js, HTML, CSS