

Dewmika Disanayake

Software Engineering
Undergraduate



Personal Details

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Skills

TECHNICAL SKILLS

- Java
- Node.js
- MySQL
- MongoDB
- Flutter
- HTML
- CSS
- PHP
- Python
- Jira
- Git/Github
- Figma
- SDLC

SOFT SKILLS

- Project Management
- Communication
- Adaptability
- Team Work
- Problem Solving

Profile

As an enthusiastic software engineering undergraduate, I am eager to apply my technical skills in a practical setting. Armed with a robust foundation in Software Engineering, I am thrilled at the prospect of gaining hands-on experience and making meaningful contributions as an intern. I am eager to collaborate with a dynamic team, tackle challenges and leverage this opportunity to further develop my expertise while contributing to the success of the organization.

Education

BEng (hons) Software Engineering

Sep 2022 - Present

University of Westminster, UK / IIT (Sri Lanka)

Current GPA - 3.9

Taken Modules

- Object Oriented Programming
- Computer Systems Fundamentals
- Software Development - Java
- Software Development - Python
- Web Design and Development
- Database Systems
- Server-side Web Development
- Algorithms: Theory, Design & Implementation
- Software Engineering Principles and Practice
- Software Development Group Project (Year-long project)

G.C.E. Advanced Level Examination – 2021

Ananda College, Colombo 10.

Results

- Combined Mathematics- C
- Chemistry- C
- Physics- C
- English- A

Projects

VetZii Mobile Application (11/2023 - 03/2024)

- VetZii simplifies pet care with features like appointment booking, clinic location services, pet adoption, vet profiles with treatment records and livestock disease prediction using symptoms.
- Key Contributions - Mainly worked on Backend Development while taking on project management responsibilities. Designed and implemented the disease prediction system using Python libraries. Engineered the pet adoption system where users can upload photos of animals to be adopted using Dart, Flutter framework, Node.js and MongoDB. Performed CRUD operations for pet adoption, account creations and profile updates.
- Tech Stack - **Node.js, MongoDB, Dart, Flutter, Python (Machine Learning), AWS EC2**

Certificates

Pearson Assured Diploma in Business Management (2022 - 2023)

ESoft Metro College – Ja-Ela

Volunteer Experience

Member
Rotaract Club of IIT
2022 - Present

Organizing committee member
Scientia'18 organized by Science
Union of Ananda College
2018

Shopping Management Application associated with University of Westminster (12/2023 - 01/2024)

- Engineered a streamlined Shopping Management System with a focus on object-oriented programming principles. Created a user-friendly console menu for managerial tasks and a graphical interface for clients using Java Swing.
- Tech Stack - **Java, Java Swing**

Traditional Arts and Crafts Website (04/2024 - 05/2024)

- Developed a dynamic commercial website catering to both customer and admin roles. Implemented secure authentication and registration for users. Integrated product management for cart, wishlist and seamless checkout. Designed product categorization and filtering for enhanced user experience.
- Tech Stack - **PHP, MySQL, HTML, CSS, JavaScript**

Theater Management System associated with University of Westminster (03/2023 - 04/2023)

- Developed a theater management system utilizing core Java concepts, featuring a menu-driven interface tailored for seamless user interaction. Key functionalities include ticket booking, cancellations, and dynamic seat availability checks, all meticulously implemented with object-oriented principles.
- Tech Stack - **Java**

Portfolio Website (03/2024 - 03/2024)

- Developed a personal portfolio website to showcase skills, projects, and experience in web development. Implemented using HTML, CSS, and JavaScript.
- Tech Stack - **HTML, CSS, JavaScript**

References

Mrs. Imani Randhuli - Assistant Lecturer-IIT

Module Leader-Professional Development
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Binowan Perera - Business Analyst

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