



# Dewmika Disanayake

## Software Engineering Undergraduate

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.

✉ risandudevika@gmail.com

📍 Yakkala, Sri Lanka

🌐 linkedin.com/in/risandu-dewmika

📞 +94766601785

📄 portfolio-dew.netlify.app/

🐙 github.com/Dew-123



## TECHNICAL SKILLS

Java Python Dart Flutter HTML CSS Node.js mySQL mongoDB PHP Git/Github  
Figma SDLC Machine Learning MS Office package



## SOFT SKILLS

Project Management Communication Adaptability Team Work Problem Solving



## EDUCATION

- **BEng(Hons) Software Engineering**  
University of Westminster, UK / IIT (Sri Lanka)  
09/2022 - Present  
Taken Modules
  - Object Oriented Programming
  - Software Development - Java
  - Web Design and Development
  - Server-side web development
  - Software Engineering Principles and Practice
  - Computer systems fundamentals
  - Software Development - Python
  - Database Systems
  - Algorithms: Theory, Design & Implementation
  - 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

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## PROJECTS

### VetZii Mobile Application associated with University of Westminster (11/2023 - Present)

- 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 - 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 and Flutter framework, node.js and mongoDB. Performed CRUD operations for pet adoption, account creations and profile updates. Collaborated closely with frontend development to design and integrate intuitive user interfaces using Dart and Flutter framework.
- Tech Stack - **Dart, Flutter, Node.js, MongoDB, Python (Machine Learning)**

### 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, demonstrating mastery in Java programming.
- Tech Stack - **Java, Java Swing**

### 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**

### Academic Progression Predictor associated with University of Westminster (10/2022 - 11/2022)

- Led development of an academic progression prediction program, empowering university staff to assess students' academic outcomes based on credit achievements. Designed with a user-friendly interface, the program enables input of credit data across pass, defer, and fail categories, delivering instant predictions on student progression status.
- Tech Stack - **Python**

### 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**

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## CERTIFICATES

### Pearson Assured Diploma in Business Management (2022 - 2023)

*ESoft Metro College – Ja-Ela*

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## VOLUNTEER EXPERIENCE

- **Member**  
Rotaract Club of IIT  
*2022 - Present*

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

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## REFERENCES

Mrs. Imani Randhuli - Assistant Lecturer-IIT/ Module  
Leader-Professional Development

Contact : *imani.r@iit.ac.lk*

Binowan Perera - Business Analyst - LOIT Rajagiriya

Contact : *nimsarap@lolctech.com - +94 740042439*