

Lakruwan Jayathissa

Software Engineer
Intern



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🎓 EDUCATION

Bsc(Hons) Computer Science & Technology(Undergraduate)

Uva Wellassa University

2021 – present

Badulla, Sri Lanka

Cumulative GPA: 3.65

G.C.E. A/L - Physical Science stream(with ICT)

st. Thomas' College

2011 – 2019 | Matale, Sri Lanka

Passed with A,C,S grades

👤 PROFILE

I am a passionate and dedicated undergraduate in the constantly evolving field of technology, ready to tackle challenges and discover new opportunities. With strong practical and theoretical knowledge in Software Engineering, I thrive both independently and in team settings, always aiming for positive outcomes. I quickly learn new technologies and am eager to contribute to innovative projects, expand my skills, and make a meaningful impact in the IT industry as I work toward my ultimate goal of becoming a software engineer.

📁 PROJECTS

Image Processing and Machine Learning based approach to Identify Sugarcane Varieties, Predict and Analysis Sugar Levels based on Environmental Influences.: A Case Study of Pelwatte Sugar Factory

11/2024 – present

Ongoing research focused on developing a data-driven system using image processing and machine learning to identify sugarcane varieties and analyze sugar levels based on environmental and harvest factors, aimed at improving efficiency and yield quality at Pelwatte Sugar Factory.

CuteCard ✎

2024 – present

Tech Stack: TypeScript, MongoDB, Tailwind CSS, Node.js, Express.js

Individual project developed as a MERN stack application for managing an online handmade gift card business. Features include adding, editing, and deleting cards, managing orders for admins, and enabling users to browse and order gift cards.

WasteExpert ✎

05/2024 – 10/2024

Tech Stack: React, MongoDB, Tailwind CSS, Node.js, Express.js, Google Maps API

Group project developed during the 3rd year (2nd semester) of university. WasteExpert is a MERN stack application designed to manage waste in Buttala town, providing features like user management, waste collection, and route optimization using Google Maps API.

SoftDex ✎

07/2023 – 11/2023

Tech Stack: PHP, HTML, Bootstrap, CSS, MySQL, JavaScript

Group project created during the 2nd year (2nd semester). SoftDex is a software portal where users can browse, search, download, and purchase software. Admins can manage software listings and user data.

Expense Management System ✎

12/2024

Tech Stack: React, Django, MySQL, Tailwind CSS



TECHNICAL SKILLS

Java | Python | C |
JavaScript | TypeScript |
React | HTML | CSS |
TailwindCSS | Bootstrap |
Express.js | Node.js |
PHP | Kotlin | MySQL |
MongoDB | Postman |
Anaconda | Pandas |
TensorFlow | OpenCV |
AI/ML | Git | GitHub |
Cloud Computing | Figma |
Google API | Docker |
Linux | Adobe PS | Canva



SOFT SKILLS

Teamwork & Leadership
Effective Communication
Time Management
Creativity & Problem Solving
Adaptability
Self-Motivation

REFERENCES

Dr. K.P.P.S. Pathirana,
Senior Lecturer,
Department of Computer
Science & Informatics, Faculty
of Applied Sciences, Uva
Wellassa University of Sri
Lanka.
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Mr. M.N.T. Nandasena,
Lecturer (Probationary),
Department of Computer
Science & Informatics, Faculty
of Applied Sciences, Uva
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9530

Group project developed for the Advanced Programming Techniques subject in 3rd year (1st semester). This system allows small companies to manage income and expenses by adding, editing, and deleting records, along with summary visualization.

Inventory Tracker

07/2023 – 08/2023

Tech Stack: JSP, Bootstrap, HTML, MySQL

Group project developed for the Rapid Application Development subject in the 2nd year (1st semester). Inventory Tracker helps small companies manage suppliers, buyers, and inventory effectively.

Expense Management System

05/2023 – 08/2023

Tech Stack: PHP, HTML, Bootstrap, CSS, MySQL

Group project created during the Web Application Development subject in the 2nd year (1st semester). This system supports tracking income and expenses for small businesses with features to add, edit, remove records, and generate summary reports.

TMPlayer

07/2022 – 08/2022

Tech Stack: JavaFX, MySQL

A group JavaFX project for a media player application. TMPlayer features a user login system and tracks the history of media usage. Data is stored securely in a MySQL database.

SubnetSmart

Tech Stack: Figma

Individual project focused on designing a simple and user-friendly UI for a subnetting calculator application. Created using Figma, this project emphasizes clean design and intuitive user interaction to simplify network subnetting for users.



ORGANIZATIONS

IEEE Uva Wellassa University Student Branch

Treasurer
2024 – present

Leo Club of Uva Wellassa University

Former Assistant Director in IT
2023 – 2024

Uva Wellassa University

Chess player
2023 – 2024

FOSS Community UWU

Former Event Coordinator and Co-member
2023 – 2024