




PAMODI PANSILUNI

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 <https://pamodi1022.github.io/Portfolio/>

COMPUTER SCIENCE INTERN

Dedicated Computer Science Undergraduate at the University of Westminster with a strong work ethic and a passion for Full Stack Development. Skilled in problem-solving and adaptability, with a proven ability to excel in dynamic and challenging environments. A collaborative team player focused on achieving results through strategic planning, effective communication, and innovative solutions.

EDUCATION

UNIVERSITY OF WESTMINSTER (IIT SRILANKA)

May 2023 - present

BSC (Hons) in Computer Science

Sanghamithatha Girls' College - Galle

Jan 2009 - Jan 2023

G.C.E Advanced Level - Bio Science

G.C.E Ordinary Level

TECHNICAL SKILLS

Frontend Development - ReactJs, React Native, JavaScript, HTML, CSS, Sass, JavaFX

Backend Development - Spring boot, NodeJs, ExpressJs, Java, Python

Databases - Firebase, MySQL

Design tools , Development and Testing - Figma, Git, Postman

PROJECTS

AgroVital

[Project Repository](#)

React Native, NodeJs, C++, Python, Firebase, TensorFlow, PyTorch

Developed a mobile app for AI-powered crop disease diagnosis and real-time soil monitoring. Features include image-based disease detection, soil nutrient analysis using IoT sensor, real-time weather updates, community forum, disease library, AI chatbot, agriculture marketplace, and personalized treatment recommendations.
(Website - <http://www.AgroVital.lk>)

Ticket.lk - Real time Ticket Booking System

[Project Repository](#)

ReactJs, Java, OOP, Springboot, MySQL

A multi-threaded application where vendors add tickets to a shared pool, and customers retrieve them at a defined rate. It features a synchronized Spring Boot backend and a React.js frontend for efficient ticket distribution.

Lumi - Personal Companion App

[Project Repository](#)

React Native, Kotlin, NodeJs, Firebase

A mobile app for mental well-being and personal growth, featuring an AI chatbot companion, a personal diary, and guided meditation and fitness tools.

Personal Finance Tracker

Springboot, Java, HTML5, CSS3, MySQL

[Project Repository](#)

This application enables users to track their income and expenses, view finance summaries, categorize transactions and manage their data in a user-friendly interface.

QuickNest - Estate Agent Web Application

ReactJs, CSS3

[Project Repository](#)

A client-side web app for property search and management, featuring filters, detailed listings, a favorites section with drag-and-drop, a responsive UI, and Google Maps integration.

Plane Management System

Java, OOP

[Project Repository](#)

The Plane Management System handles flight reservations, including seat booking, cancellation, availability search, seat plan display, ticket search, and sales tracking.

Bus Reservation System

Java, OOP

[Project Repository](#)

The platform for customers to book and manage their bus tickets online. Provides several functionalities Customer and Bus Registration, Bus search, Seat reservation, Reservation Management.

Progress Outcome Predictor

Python

[Project Repository](#)

Predict students' progress in a university at the end of each academic year. The project was developed under the relevant University regulations. Finally, the progress outcome was recorded in a histogram.

ACHIEVMENTS AND CERTIFICATIONS

Haxmax Code Golf Hackathon - 2nd Runner's up (2024)

Postman API Student Expert (2025)

Professional Certification in Java programming with Object Oriented - Informatics Institute of Technology

Microsoft Azure AI Fundamentals: Generative AI (2024)

Microsoft Azure Data Fundamentals (2024)

SOFT SKILLS

Team Player	Communication	Adaptability	Creativity	Fast Learner
Empathy	Decision Making	Problem Solving	Self motivated	Strong analytical skills

EXTRA CURRICULAR

Postman Student Expert

Member - Leo Club of Colombo Defence Marshals

Member - IT society Sanghamiththa Girls' College

Karate National Player - Black belt 1st Dan

Member - Netball Team Sanghamiththa Girls' College

REFERENCES

Eng. T.G. Deshan Sumanathilaka Visiting Lecturer,
Informatics Institute of Technology (IIT), 10
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