



THARINDU DESHAPRIYA

SOFTWARE ENGINEER - INTERN

CONTACT

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EDUCATION

- Uva Wellassa University of Sri Lanka**
Bsc. (Hons) Computer Science & Technology
CGPA - 3.6
- Dharmaraja College, Kandy**
GCE Advanced Level
- Kurunduwaththa Royal College**
GCE Ordinary Level Level

TECHNICAL SKILLS

Programming Languages

- Java
- Python
- PHP
- JavaScript
- Kotlin
- C
- C++

Frameworks & Libraries

- Spring Boot
- Django
- Kafka
- React.js
- JSP
- Servlets
- React Native



PROFILE

In the ever-evolving industry of technology, I am an enthusiastic and energetic undergraduate who is ready for challenges and finding new opportunities. A responsible team player, focused always on delivering positive contributions with fast learning of new technology, I am always keen to participate in creative endeavors for expanding my knowledge and skills, making a valuable difference to the IT business because of a deep interest in software engineering.



PROJECTS

Research - Predictive Maintenance and Failure Prediction in Graphite Refining Equipment Using Data-Driven Techniques (ongoing)

- In collaboration with Bogala Graphite Mine, this project uses data-driven techniques to predict failures and optimize maintenance in the flotation process,
Technologies : **Python** | **Power BI** | **Machine learning**

Poultry Farm Management System for Broiler Production

- A microservices-based mobile app with IoT integration and real-time monitoring via React Native, optimizing broiler production and automating farm operations for efficient data management.
Technologies :
 - Backend : **Spring Boot (Java)** | **MySQL** | **MongoDB** | **Kafka**
 - Frontend : **React Native**
 - Other : **Docker** | **Keycloak** | **Arduino**

CipherX - Message Encryption App

- A mobile app that allows users to encrypt and decrypt messages using ciphers like Caesar, Rail Fence, Vigenere, and Columnar Transposition.
Technologies : **Java** | **Kotlin** | **Android Development**

Cinemas - Cinema Hall Booking Website

- A comprehensive web platform for movie booking, featuring movie search, seat booking, reviews, and admin management of listings, showtimes, and user engagement.
Technologies : **React.js** | **Django** | **MySQL** | **Python**

Databases

- MySQL
- MongoDB

Tools & Platforms

- Docker
- Git / Github
- Postman
- Power BI
- Proteus
- Keycloak

Other

- Machine Learning

SOFT SKILLS

- Team working
- Problem solving
- Communication
- Leadership
- Adaptability

LANGUAGES

- English
(Professional Working Proficiency)
- Sinhala
(Native Proficiency)

REFERENCE

Dr. K.P.P.S. Pathirana

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Department of Computer
Science & Informatics,
Faculty of Applied Sciences,
Uva Wellassa University of Sri
Lanka.

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Sciences,
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Smart Aquarium System

- IoT-based aquarium automation system, tracking pH, temperature, turbidity, and water levels. Implemented automatic feeding and real-time data display for efficient maintenance.

Technologies : C++ | IoT | Arduino

Stayeeza - Hotel Booking Platform

- A hotel and accommodation booking website that allows users to search, filter, and securely book properties. Features include a dynamic interface and responsive design .

Technologies : HTML | CSS | JavaScript | PHP

Melomaniac - Music Streaming Web App

- A music streaming app with features like synchronized lyrics, music visualizer, and user account management. Built with a modern tech stack for an engaging user experience.

Technologies : PHP | JavaScript | MySQL | CSS | HTML

MoneyCare - Finance Management Web App

- A web app that tracks income and expenses, allowing users to categorize and analyze financial data with secure login and responsive design.

Technologies : Java | JSP | Servlets | MySQL | CSS

Queue Master - Customer Queue Management 2024 - 2025

- A Java-based CLI app for efficient customer queue management, including ID-based queuing, token generation, and appointment scheduling.

Technologies : Java



ACHIEVEMENTS AND CERTIFICATIONS

Completed AI/ML Engineer - Stage 1 offered by SLIIT

Completed AI/ML Engineer - Stage 2 offered by SLIIT

Completed Mastering Linux: The Complete Guide to
Becoming a Linux Pro on Udemy



EXTRA CURRICULAR

Captain - Swimming Team of Uva Wellassa University

Lead - Event Coordinator team, FOSS Community of Uva
Wellassa University

Web developer - Volunteer - Member of Rotaract Club of
Uva Wellassa University

Volunteer - Member of Leo Club Of Uva Wellassa University

Volunteer - Member of IEEE Uva Wellassa University Student
Branch