



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,
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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**



ACHIEVEMENTS AND CERTIFICATIONS

Completed AI/ML Engineer - Stage 1 offered by SLIIT

Completed AI/ML Engineer - Stage 2 offered by SLIIT

Completed Docker for Beginners: a Hands-On Practice Course on Udemy

Completed MongoDB - The Complete MongoDB Developers Course on Udemy

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