



ABOUT ME

I am a hard-working individual who is passionate about learning and applying new technologies, with hands-on experience in coding projects

CONTACT

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github.com/Ishdew

in/ishan-kawshalya

ishdew.github.io/my_portfolio/

144/20, Sathsara Mawatha,
Elawella Rd, Matara, Sri Lanka

TECHNICAL SKILLS

Programming Languages

- Python
- Java
- C++

Application Development

- React.js
- Node.js
- HTML

Database

- MySQL

Version Control

- Git/GitHub

Ishan Kawshalya

COMPUTER SCIENCE & ENGINEERING UNDERGRADUATE

EDUCATION

University of Moratuwa

2021 - Present

B.Sc. Engineering (Hons.) in Computer Science and Engineering

- CGPA: 3.42/4.0(out of 3 semesters)

Rahula College, Matara

2014 - 2020

GCE Advanced Level - Physical Science Stream - 3A's

- Combined Mathematics (A), Physics (A), Chemistry (A) | Z-Score - 2.1207

GCE Ordinary Level - 8A's, 1B

PROJECTS

Human Resource Management System

Aug - Nov 2023

[github.com/HRMS_Project](https://github.com/Ishdew/HRMS_Project)

- A full-stack implementation of a comprehensive Human Resource Management System
- Core features:** The HRMS store employee data, including personal information, job related details and custom attributes. It facilitates leave management with configurable leave types and entitlements. Additionally the HRMS support report generation informed decision making and user access control for data security.
- Contribution:** Development of both frontend and backend for the add custom attribute page. Also maintained the MySQL database
- Technologies:** Node.js, Express.js, MySQL, React.js, Bootstrap

Movie Theatre Reservation System

June 2024 - Ongoing

github.com/Ishdew/movie-reservation-system

- Developing a comprehensive movie theatre reservation system as a team project. The system allows users to browse available movies, select showtimes, choose seats, and make reservations. Also the features to be implemented are user authentication, real-time seat availability updates, and payment processing integration.
- Contribution:** Frontend development using React.js
- Technologies:** React.js, SpringBoot, MySQL

My Portfolio Website

Aug 2024 - Ongoing

ishdew.github.io/my_portfolio/

- Contribution:** Frontend Development
- Technologies:** JavaScript, HTML, CSS

INTERESTS

- Web Development
- Machine Learning
- IoT

LANGUAGES

- English (average fluency)
- Sinhala (native fluency)

CERTIFICATIONS

Machine Learning Specialization, Coursera

- Supervised Machine Learning: Regression and Classification

Web Design for Beginners, CODL UoM

Smart MediBox

Mar - May 2024

github.com/lshdew/Smart_MediBox

- The Smart Medi Box is an innovative medication management and monitoring system designed to enhance patient care by providing a comprehensive solution for medication management and timely reminders. This project leverages the ESP32 microcontroller and incorporates various functionalities to ensure safe medication storage and administration.
- **Technologies:** C++, Node-Red, Arduino, IoT

PintOS Operating System

Aug - Oct 2023

github.com/lshdew/Pintos-Operating-System

- Improved simple Pintos Operating System by implementing the Thread System and enabling programs to interact with the OS via system calls.
- **Technologies:** C

4-bit Processor Design and Development

Mar - Jun 2023

github.com/lshdew/Nano-Processor

- Developed a 4-bit processor capable of executing four instructions. Verified functionality through simulation and development board implementation, gaining experience in digital design and hardware verification.
- **Technologies:** VHDL, Vivado, Basys 3 FGPA

VOLUNTEERING

Mathematics Society - University of Moratuwa

Oct - Dec 2023

- Co-Chair in Project MFlix

IEEE Student Branch University of Moratuwa

Oct 2023 - Present

- Member

Company Coordinator - Careers Day 2024

Dec 2023

- Facilitating connections between industry experts and participants

REFERENCES

Prof Dulani Meedeniya

Senior Lecturer

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Dr Kutila Gunasekara

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