KAVINDU RATHNAMALALA
COMPUTER ENGINEERING UNDERGRADUATE

CONTACT

📞 +94775474834

✉️ kavindusulakshana2000@gmail.com

📍 572/1
Ibbawala,
Nikaweratiya

in https://www.linkedin.com/in/kavindu-rathnamalala-4275742bb/

SOFT SKILLS

- Teamwork
- Leadership
- Effective Communication
- Project Management

TECHNICAL SKILLS

- Python
- Mysql
- Data Visualization
- C / C++
- Java
- MERN

EDUCATION

- B.Sc. (Hons) Computer Engineering 3rd year Undergraduate University of Ruhuna GPA- 3.59/4

- 2020-Advanced Level Maliyadeva boys college

PROFILE

As a passionate and driven computer engineering student, I am eager to leverage my academic knowledge and practical skills to contribute meaningfully time and innovative projects as an intern

EXPERIENCE & PROJECTS

- **DBMS for clinic management using mysql**
- **Path planning system for a logistic company**

  The Path Planning System for Logistics is a comprehensive route optimization project aimed at improving the efficiency and effectiveness of delivery operations for a logistics company. Implemented using data structures and algorithms in C++, the system's main goal is to identify the shortest and most efficient routes, ensuring timely deliveries and reducing operational costs.

- **Breast Cancer Prediction Model**

  The Breast Cancer Prediction Model is a comprehensive machine learning project designed to assist in the early detection of breast cancer. Built using Logistic Regression and Random Forest classifiers, the model incorporates all essential steps, including data preprocessing, feature selection, and evaluation metrics, to ensure accuracy and reliability.

- **Inventory Management & Authentication System for Book Shop**

  The Bookshop Inventory Management & Authentication System is a full-stack project developed using the MERN stack. This application streamlines inventory management by enabling efficient tracking of book stock and updates, while providing secure user authentication features. The system is designed to enhance operational efficiency and user experience, offering an intuitive interface for both administrators and customers.

- **Autonomous Maze-Navigating Robot**

  designed and built a fully autonomous robot using PID control and Arduino technology for the SLITT ROBOFEST 2023 competition.

- **Automated HR Management tool (ongoing)**

  The Automated HR Management Tool is an AI-driven system designed to streamline HR processes. It offers comprehensive HR management features, allowing visitors to apply for job vacancies. The tool filters CVs based on job-specific criteria and conducts automated interviews, enhancing recruitment efficiency and ensuring an optimal match between candidates and roles.

VOLUNTEERING

- **Organizing committee member of IEEE SparkLink 1.0**
- **Member of Zero Plastic Ruhuna Community**

REFERENCE

Dr. Rajith Udawalpola
SeniorLecturer,
Department of Electrical and Information Engineering
Faculty of Engineering
University of Ruhuna
Phone: + 94 718 578608
Email : rajitha@eie.ruh.ac.lk

Dr. Prabath Weerasinghe
SeniorLecturer,
Department of EIE
Faculty of Engineering
University of Ruhuna
Phone: +94717056638
Email : weera@eie.ruh.ac.lk