

YADEESHA GIHAN

UNDERGRADUATE IN IT

CONTACT

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[Yadeesha Kavinda](#)

SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

TECH SKILLS

- Python (Intermediate)
- Java (Intermediate)
- C/C++ (Intermediate)
- Data Structures
- Algorithms
- MySQL
- Machine Learning
- Web Development
- React.js (Currently learning)

VOLUNTEER EXPERIENCE

- **WEB DESIGN TEAM MEMBER**
IEEE STUDENT BRANCH OF
RUSL (2023/2024)
- **PROGRAM COMMITTEE TEAM**
IEEE STUDENT BRANCH OF
RUSL (2023/2024)



PROFILE

Motivated IT undergraduate at Rajarata University of Sri Lanka with a strong foundation in software development, problem-solving, and innovation. Skilled in C/C++, Java, Python, MySQL, web development, and computer vision, with hands-on experience in academic and research projects. Passionate about leveraging technology to solve real-world challenges. Demonstrated leadership, teamwork, and critical thinking skills through academic projects and extracurricular activities. Enthusiastic about continuous learning, emerging technologies, and driving impactful solutions in the tech industry.



EDUCATION

B.SC IN INFORMATION TECHNOLOGY

Rajarata University of Sri Lanka

2021 - Present

CERTIFICATE COURSE IN ENGLISH

Sri Palee Campus - University of Colombo

2019



PROJECTS

Final Year Project - AR-Based Window Placement Advisor

Built a mobile AR app to suggest window placement using sun path and object detection, aiming to reduce power usage by maximizing natural light.

Technologies Used: C#, Python, YOLO,

Tree Classification with CNN

Developed a CNN-based model to classify trees from leaf images with high accuracy, applicable to botanical and environmental studies.

Technologies Used: Python, Keras, CNN

Student Registration System

Created a system for managing student records and courses using OOP. Features include registration, module assignment, and academic tracking.

Technologies Used: C++

Android Library Management App

Developed an Android app to manage books, members, lending, and more using SQLite. Implemented CRUD operations with user-friendly UI, integrated database handling, and tested with real-world data.

Technologies Used: Java, Android Studio, SQLite

Multimedia Portfolio Website

Designed a responsive personal site to showcase projects and digital content, featuring smooth performance and interactive UI.

Technologies Used: HTML, CSS, JavaScript