

# YASIRU KAVEESHWARA

A dedicated 3rd-year **Software Engineering** student with a passion and skilled in full stack development with the **MERN stack (MongoDB, Express, React, Node.js)** and mobile development using **Flutter** and **Kotlin**. Excellent in **Java, PHP** with database systems (**Oracle, Firbase, MongoDB, MySQL**). Leadership experience in teams and sports has honed strong collaboration, strong communication in **English** and **problem-solving skills**. I'm eager to contribute to innovative **Software, Web and Mobile development** projects. Committed to making a meaningful impact through the development of cutting-edge solutions.

## EDUCATION

### Sri Lanka Institute of Information Technology | Malabe | Oct 2022 - Present

- **BSc (Hons)** in Information Technology, specializing in **Software Engineering**  
GPA 2.95
- **Key Modules:** OOP, Internet & Web technologies, Software Engineering, Database Management

### Britishway English Academy | Nittambuwa Feb 2022 - May 2022

- Diploma in English Language | **Merit Pass**

### President's College | Minuwangoda, Gampaha 2013 - 2021

- G.C.E Advanced Level | **1 C's, 2 S's** 2021  
**Subjects :** ICT (**C**), Combined Mathematics (**S**), Physics (**S**)
- G.C.E Ordinary Level | **7 A's, 2 B's** 2018  
**Subjects :** Maths (**A**), Science (**A**), English (**B**), ICT (**A**), Music (**A**), Commerce (**A**)

### University of Moratuwa - Centre for Open & Distance Learning (CODL) 2022

- Python for Beginners
- Web Design for Beginners

## PROJECTS

### Donation, Volunteer and Care Homes Management Mobile Application

- **Technology Stack :** Flutter and Firebase for cloud storage.
- **Contributions :** Implemented volunteer social profiles with a follow system, photo sharing, and a feedback system.

### Shopping Mall Management and Navigation System

- **Technology Stack :** MERN stack with **Three Js**
- **Contributions :** Developed a mall navigation system with **QR code scanning**, featuring a **3D model** built using **Three.js** and an **AI-powered chat assistant** for navigation instructions.

### Garbage Collecting System

- **Technology Stack :** MERN stack with Unit Testing
- **Contributions :** Developed an automatic garbage collection system with **QR code scanning** and issue reporting, applying **Design Patterns** and **Unit Testing** for reliability.

### Hotel Management System for Ella Jungle Resort | SLIIT Y2S2 IT Project

- **Technology Stack :** Developed using the MERN stack (MongoDB, Express.js, React, Node.js) and Tailwind CSS for a modern, responsive design.
- **Backend Testing :** Utilized **Postman** for backend testing and validation.
- **Contributions :** Travel agent management, travel packages, and bookings; implemented **automatic email handling**; and ensured a user-friendly interface.

## Contact

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## Soft Skills

- Leadership & Teamwork
- Time Management
- Adaptability & Creativity
- Critical Thinking
- Problem Solving
- Effective Communication
- Emotional Intelligence
- Project Management

## Technical Skills & Tools

- Full-Stack Development
- Mobile app Development
- Database Management
- Object-Oriented Programming
- UI/UX Design
- API Integration
- Cloud Services
- Agile Methodologies
- Testing & Debugging
- Documentations
- Version Control

## Web Development

- MERN Stack (MongoDB, Express, React, Node.js)
- Three Js
- Flutter , Firebase
- HTML , Tailwind CSS
- JavaScript
- PHP , MySQL

## Programming Languages

- Java
- Kotlin
- C , C++
- Python
- JavaScript

Online Examination Management System | SLIIT Y2S1 OOP Project

- **Technology Stack** : Developed using Java, HTML, CSS and SQL for a comprehensive web-based solution.
- **Development Tools** : Utilized Eclipse IDE for efficient coding and MySQL for database management.
- **Key Contributions** : Focused on processing and managing student results, ensuring accurate and streamlined data handling throughout the examination process.

HOBBIES & INTERESTS

- **Gaming** : Enhances critical thinking and problem-solving skills.
- **Movies & Shows** : Fuels creativity, fosters deep thinking, and encourages unique perspectives.
- **Music & Podcasts** : Engaged in topics related to science and technology.
- **New Technology & AI** : Passionate about staying updated with emerging technologies and exploring advancements in AI and prompt engineering.

REFERENCES

N. H. Kumudini Fonseka

- Attorney at Law
- 102, Pethiyagoda, Gampaha
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Sawithri L. Kulathilaka

- Teacher at Parakrama Maha Widyalyaya, Gampaha
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Tools & Software

- VS Code , Visual Studio
- Android Studio
- Eclipse
- R Studio
- Postman
- MySQL , MS SQL Studio
- XAMPP , WAMP Server
- Figma , Trello

Languages

- English (Fluent)
- Sinhala (Fluent)
- Tamil (Beginner)