



# LAHIRU LEKAMGE

## Software Engineer Undergraduate

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### Profile

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Software Engineering student at the Informatics Institute of Technology with a passion for building innovative and user-friendly software applications. Proven ability to learn new technologies quickly and apply them to solve real-world problems. Seeking a challenging internship opportunity to gain hands-on experience and contribute to a team of talented engineers.

### Skills

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● React ● Java ● Python ● HTML ● CSS  
● JavaScript ● PHP ● MYSQL ● Adobe Ps

### Education

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#### **Bachelor of Engineering (Hons) Software Engineering,**

*Informatics Institute of Technology/ University of Westminster*

2022 – present

Colombo, Sri Lanka

#### 1st Year Modules

- Mathematics for Computing
- Software Development I (Python)
- Trends in Computer Science
- Computer System Fundamentals

#### 2nd Year Modules

- Software Development II (Java)
- Web Design and Development
- Object Oriented Programming
- Database Systems
- Software Development Group Project
- Software Engineering Principles and Practice
- Server Side Engineering

#### **GCE Advanced Level Examination / Physical Science Stream / 2021,**

*St. Sylvester's College*

Kandy, Sri Lanka

#### **GCE Ordinary Level Examination / 2017, St. Sylvester's College**

Kandy, Sri Lanka

## Projects

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### **Automated Report and Google Docs history Checking Web application (Ongoing),**

*Frontend - React / Backend - Python*

The project software automates report formatting and Google Docs history checker using Python for backend PDF analysis and React for the frontend interface. It integrates Firebase for user management and employs a REST API for efficient communication, streamlining the submission process and enhancing academic quality.

### **Booking System for movie theatre, Java**

Created and implemented a Java-based movie theater administration system that successfully automated the booking of tickets, managed the scheduling of shows, and enhanced the general patron experience.

### **Sports Network website, HTML/ CSS/ JavaScript**

Created and designed a responsive website featuring interactive quizzes, an online store, a gallery, and a query form for a Sports Network. implemented using GitHub Actions for CI/CD integration and HTML, CSS, and JavaScript.

### **Mark Prediction Software, Python**

Developed a software tool in Python for predicting student grades and providing them with insights into their academic performance.

### **Online Shopping Management System, Java(OOP)**

Developed a Java shopping management system equipped with an efficient console menu for managerial tasks, including product addition/removal, alphabetical item organization, and file-based data storage and retrieval. Furthermore, the system is enhanced with a graphical user interface (GUI) to improve customer interaction, allowing them to view, organize, and add products to their shopping cart.

## Extra Curricular

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- Assistant Deputy Head Prefect of St. Sylvester's College Kandy / 2019-20
- Secretary of school Photography club / 2019-20
- Media coordinator of school IT Society / 2019-20
- Active member of school Interact Club and Aviation Club / 2019-20
- Karate Player / 2014-19

## Soft Skills

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- Teamwork ●Good Leadership
- Self Learning ability ●Communication Skills
- Time Management ●Adaptivity

## References

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**B.K Nawarathna**, *Chief Engineer (civil)*, Mahaweli Authority, Kothmale project

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**Imani Randhuli**, *Lecturer / Module Leader- Professional Development*,

School of Computing, Informatics Institute of Technology

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