

# Pasindu Isuranda

## COMPUTER SCIENCE UNDERGRADUATE

### PROFESSIONAL SUMMARY

Motivated and detail-oriented second-year Computer Science undergraduate at the Informatics Institute of Technology, affiliated with the University of Westminster, with a strong academic foundation established through comprehensive studies. Possesses solid expertise in programming, software development, and database management, with proficiency in Python, Java, C++, Spring Boot, Angular, Flutter, and modern web development technologies. Demonstrated hands-on experience through diverse academic and personal projects, including real-time systems, interactive applications, and innovative platforms. Passionate about robotics principles, algorithm development, and digital innovation, with aspirations to build a career in technology-driven solutions. Known for analytical thinking, problem-solving excellence, and a proactive approach to continuous learning. A natural team player with proven leadership experience through extracurricular roles, actively seeking opportunities to apply theoretical knowledge in real-world scenarios while contributing to cutting-edge technological advancements.

### EDUCATION

#### Bachelor of Computer Science: Third Year

2023 - Present

Informatics Institute of Technology  
Colombo, Sri Lanka

#### Foundation of Computing (Merit)

2022 - 2023

Informatics Institute of Technology  
Colombo, Sri Lanka | Completed with a Merit Pass

#### Pearson Diploma in Information Technology

2022 - 2023

Esoft Metro Campus  
Panadura, Sri Lanka

#### Pearson Diploma in English

2022 - 2023

Esoft Metro Campus  
Panadura, Sri Lanka

### EXPERIENCE

- Instructed and mentored students across various groups in foundational and advanced IT skills at **Education Coding School** as an Assistant Teacher
- Maintained classroom management and technical troubleshooting, fostering a productive and efficient educational experience.
- Demonstrated strong leadership and organizational skills by coordinating multiple class sessions and handling diverse educational needs.

# PROJECTS

## HopeBridge Charity Donation Platform + Social Media

Informatics Institute of Technology | 2025

- Developed Flutter/Spring Boot platform connecting donors, disadvantaged individuals, & corporations.
- Implemented e-vouchers, product verification, and employment support features.
- Delivered transparent, secure donation solution addressing real-world challenges through technology

## Real-Time Ticketing System

Informatics Institute of Technology | 2024

- Developed a real-time ticketing system using Spring Boot and Angular
- Implemented multithreading for performance optimization and used JPA for data management

## Plane Management System

Informatics Institute of Technology | 2023

- Built a Java-based seat management system with features for booking, cancelling, and ticket integration.
- Included sales computation, data storage, and visual seating arrangements

## Python Board Game - “20 x 2”

Informatics Institute of Technology | 2023

- Designed and developed an interactive Python board game with custom rules

## Color Guessing Game - Python

Informatics Institute of Technology | 2022

- Created a code-breaking game using Python and a 4-digit color sequence logic.
- Enabled up to eight user attempts per round with dynamic feedback

# SKILLS

## Technical Skills

- Strong programming skills (Python, Java, C++)
- Full-stack development (Java, Spring Boot, Angular)
- Web Development - HTML, CSS, JavaScript
- Core Concepts: OOP, Data Structures, DBMS, Multithreading
- Databases: MySQL, Oracle SQL, Microsoft SQL

## Soft Skills

- Teamwork and Leadership experience.
- Critical Thinking
- Time management
- Good Communication
- Fast learner with a passion for tech innovation

# EXTRACURRICULAR ACTIVITIES

- Athlete - Under 19 boys 100m Silver Medalist in Kalutara District (2020)
- Bronze medalist in International Olympiad in Information Technology (2021)
- Member - school prefect board , Nakano International College (2019 - 2021)

# REFERENCES

## Ms. Hiruni Samarage

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