

Sankaja Pandipperuma

Computer Science Undergraduate

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Motivated and technically skilled university student specializing in software development, human-computer interaction, and cybersecurity. Experienced in collaborative, team-driven environments and focused on creating innovative, user-centered solutions. Demonstrates strong analytical abilities through academic and practical work in cybersecurity, with a commitment to solving real-world challenges and enhancing user experiences.

Education

- Informatics Institute of Technology affiliated with the University of Westminster

2023 - present

Bachelor of Science (Hons.) in Computer Science

1st Year

- Software Development I
 - Mathematics for Computing
 - Computer Systems Fundamentals
 - Software Development II
 - Web Design and Development
 - Trends in Computer Science

2nd Year

- Object Oriented Programming
 - Database Systems
 - Client Server Architecture
 - Professional Development
 - Information Technology Security
 - Human Computer Architecture

Completed with 100/120 Credits

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Southern Information Technology Education Center

2022- 2023

- Completed JAVA Programming Course
 - Completed Web Development Course
 - Completed Python Course

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Rahula College

2008-2022

- G.C.E. A/Ls passed in Physical Science Stream
- ### Technical Skills and Interests
- - Languages: Java, Python, HTML, CSS, JavaScript
 - Developer Tools: Figma, Axure, JetBrains, VSCode, Git
 - Frameworks: Angular, Springboot
 - Database: MYSQL, MongoDB
- ### Non-Technical Skills
- - Teamwork
 - Creativity
 - Communication
 - Cooperative

Projects

- **Spendo (Ongoing)**
AI-based finance management system(Software Development Group Project)
 - Enables young adults to manage their unnecessary expenses with the help of AI
 - Tools & technologies used: Python, React-Native, MongoDB, GitHub, Postman
- **Learnify (Ongoing)**
Modified LMS with VR learning and personal AI mentor (Human-Computer Interaction and User Experience)
 - Enable students to experience another level of learning with the help of AI
 - Tools and technology used: Figma, React-native, MYSQL,
- **Eco Echoes**
Online shop site
 - Enable users to buy wildlife-based products while gaining some knowledge about wild life
 - Tools & technology used: HTML, CSS, JavaScript
- **Plane Ticket Management**
User-friendly plane ticket management system
 - Enable users to book a seat and can cancel it any time and a real-time seating map
 - Tools & technology used: Java, OOP principles
- **Ticket Management System**
User-friendly ticket booking system
 - Enable multiple users to book tickets at the same time and secured with validation
 - Tools & technology used: Angular, Spring Boot, MySQL

Interests

- - Former badminton player at Rahula College
 - Former cricket player at Rahula College
 - Former football player at Matara City Club
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Conferences and Competitions

- - Visited SLINTEC (Field visit)
 - Participated in Google I/O Extended Sri Lanka 2023
 - Volunteered in Cutting Edge
 - Participated in IEEE ENCODE hackathon
 - Participated in IEEE XTREME 24h hackathon
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References

- Hiruni Samarage
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- Shenith Sandeepa
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