

Sankaja Pandipperuma

Computer Science Undergraduate

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 [Sankaja Pandipperuma](#)

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 Colombo, Srilanka

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

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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

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- Languages:** Java, Python, HTML, CSS, JavaScript
- Developer Tools:** Figma, Axure, JetBrains, VSCode, Git
- Frameworks:** Angular, Springboot
- Database:** MYSQL, MongoDB

Non-Technical Skills

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- 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



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



References



- Hiruni Samarage
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- Shenith Sandeepa
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