

Ravindu Sandumith

COMPUTER SCIENCE UNDERGRADUATE

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🌐 [Ravindu Sandumith](#) 📷 [Ravindu Sandumith](#)

ABOUT ME

I am a Computer Science student at the Informatics Institute of Technology (IIT) in Colombo, Sri Lanka, affiliated with the University of Westminster (UOW) in London, UK. With a strong software foundation and skills in multiple languages, I am passionate about QA, Software engineering, and front-end development, eager to apply my skills in software development.

EDUCATION

Undergraduate BSc(Hons) Computer Science

Informatics Institute of Technology affiliated with the University of Westminster (2024-2027)

Foundation Certificate of Higher Education

Informatics Institute of Technology (2023 May – Dec)

GCE Ordinary Level , Advanced Level

Royal College Colombo (2014 - 2023)

KEY PROJECTS

Software Development Group Project (Ceilão.Grid)

- Mobile app using AR to measure garden space, recommend plants by location, provide weather and market insights, and offer chatbot support.
- Technologies: Kotlin, Java, ARCore, Firebase, Gemini API

Ticket Management System

- Integrated ticket management solution using the Producer-Consumer pattern, featuring a Java CLI built with OOP, a React dashboard, and a Spring Boot backend for real-time tracking.
- Technologies: Java, React, Spring Boot

Custom Pizza Web App

- Responsive PHP & MySQL app for browsing, viewing, and ordering pizzas with a dynamic catalog, form validation, and secure database operations.
- Technologies: PHP, MySQL, HTML, CSS (Materialize), XAMPP

Task Management App

- Full-stack MERN app with user authentication, task CRUD, status filtering, dark mode, and responsive design.
- Technologies: React, Tailwind CSS, React Router, Axios, Context API, Node.js, Express, MongoDB, JWT, bcrypt.js

Bookstore RESTful API

- Built with Jakarta EE, featuring inventory management, customer accounts, shopping carts, and order processing with JAX-RS and robust exception handling.
- Technologies: Jakarta EE, JAX-RS

Product Inventory Manager (Console App)

- C# CRUD app for managing product inventory through a console interface, using OOP principles
- Technologies: C#

Real Estate Agent Web App

- Application for users to search for properties using various criteria, view detailed property information, and manage a favorites list.
- Technologies: React.js

SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, Kotlin, PHP, C#

Web Development & Frameworks: HTML, CSS, TailwindCSS, React, Node.js, Express.js, Spring Boot, .NET

Databases: MySQL, MongoDB

Tools & Platforms: Git, GitHub, XAMPP, Firebase, Postman

Design: Figma

Soft Skills: Time management, Problem-Solving Skills, Teamwork and Collaboration

Development Methodologies: Agile (Scrum)

INTERESTS

Software Engineering

Full Stack Development

Quality Assurance & Software Testing

Web Development

UI/UX Design

ACHIEVEMENTS

Participating to the NBQSA (Team Ceilão.Grid selected to the NBQSA)

Cutting Edge Vision Quest- 1st Place (Project Ceilão.Grid)

Organized by Informatics Institute of Technology

ACES CODERS 2024 - Certificate of Participation

Organized by Association of Computer Engineering Students, Faculty of Engineering, University of Peradeniya

Cypher 2.0 - Certificate of Participation (Team Codestrom selected to top 10)

Organized by IEEE WIE Student Branch Affinity Group of KDU

CodeRally 5.0 - Certificate of Participation

Organized by IEEE Computer Society, Informatics Institute of Technology

CodeSprint 8 - Certificate of Participation

Organized by IEEE Computer Society, Informatics Institute of Technology

Problem Solving International Hackathon 2024 - Certificate of Participation

Organized by University of Westminster

REFERENCES

Dumindu Fernando

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