

# Ravindu Sandumith

## COMPUTER SCIENCE UNDERGRADUATE

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### 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**

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**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**

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Software Engineering

Full Stack Development

Quality Assurance & Software Testing

Web Development

UI/UX Design

## **ACHIEVEMENTS**

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**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**

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### **Dumindu Fernando**

Software Engineer, Yaala Labs

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### **Hasitha Senevirathne**

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