Ravindu Sandumith

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PROFILE

A Computer Science undergraduate with expertise in developing high-performance web applications and backend systems. Proficient in Python, Java, React.js, and database technologies (SQL & MongoDB). Skilled in optimizing backend performance and creating seamless user experiences. Known for strong attention to detail, critical thinking, and effective communication skills. Eager to apply creativity, technical proficiency, and problem-solving abilities in a dynamic internship role.

EDUCATION

Undergraduate BSc(Hons) Computer Science
Informatics Institute of Technology affiliated with the University of Westminster   (2024-2027)

1st Year

- Mathematics for Computing
- Computer System Fundamentals
- Software Development I

- Mathematics for Computing
- Computer System Fundamentals
- Software Development I

2nd Year

- Object Oriented Programming
- Database Systems
- Advanced Client-Side Development
- Software Development Group Project

Foundation Certificate of Higher Education
Informatics Institute of Technology   (2023 May – Dec)
Distinction

- Introduction to Information Technology
- Mathematics for Higher Education
- Digital Circuits and Logic Design
- Designing Innovative Solutions

- Academic Skills for Higher Education
- Introduction to Programming
- Working with Data
- Computer Programming

GCE Ordinary Level
Royal College Colombo   (2014 - 2019)
- 8A 1C

KEY PROJECTS

Finance Tracker GUI
- Finance Tracker GUI application built with Python and Tkinter, designed for managing income, expenses, and generating financial reports

Student Activity Management System
- A Student Management System developed in Java that stores student details and module marks, and generates summaries and reports

Eco Treasures
- Ecotreasures is a website focused on the topic of 'Life on Land,' designed to raise awareness about environmental conservation. The website is built using HTML and CSS, offering an engaging and informative platform to explore the importance of preserving terrestrial ecosystems

Project Ceilão.Grid
- Smart Gardening Assistant utilizing Augmented Reality (AR) to help users optimize small-space gardening by visualizing plant arrangements, developed using Kotlin and Java

Ceilao.Grid marketing website
- Marketing website for CeilaoGrid built with React and Vite, designed to showcase the project's features and provide an engaging, responsive user experience

Real-estate Agent Web-Application
- Application for users to search for properties using various criteria, view detailed property information, and manage a favorites list, built with React.js

Ticket Management System
- The Real-Time Ticketing System is an integrated solution for ticket distribution and tracking, offering a range of features to simplify ticket management. It includes a command-line interface (CLI) built with Java using OOP concepts, a front-end dashboard developed in React for user interaction and data display, and a backend implemented with Spring Boot to handle ticket operations and data management

More projects : Github | Ravindu Sandumith

SKILLS

Technical Skills
- Programming languages (Java, Python, JavaScript)
- Web technologies (HTML , CSS, React)
- Mobile Development (Kotlin)
- Backend Development (Springboot , Mongodb, MySQL)
- Version Control (Git, Github)
- Design & Prototyping (Figma)

Soft Skills
- Attention to Detail
- Critical Thinking
- Communication skills
- Self-Learning
- Teamwork and Collaboration
- Problem-Solving Skills

EXTRACURRICULAR ACTIVITIES

- Volunteer at Cutting-Edge Competition
    - 2023 & 2024
- Member of Rotaract Club of Colombo Metropolitan
    - 2024
- Head of IT, Non-Addict Movement Society, Royal College
    - 2021-2022
- Head of IT, Photographic Society, Royal College
    - 2021-2022

REFEREES

Dumindu Fernando
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