



DESHANI RAJAPAKSHA

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ABOUT ME

I am a motivated Computer Science undergraduate seeking an internship to gain practical experience and contribute to impactful projects. Eager to apply my academic knowledge, I am committed to learning, growing, and making meaningful contributions in a professional environment.

SKILLS

- **Technical Skills:** HTML, CSS, Python, Java, JavaScript, React.js, Node.js, Spring Boot ,MySQL
- **Non Technical Skills:** Project Management, Teamwork, Effective Communication, Critical Thinking

EDUCATION

University of Westminster (Informatics Institute of Technology)

Sep 2023 - Present

BSc (Hons) Computer Science

Year 2 Modules (Current)

- Database Systems
- Object Oriented Programming
- Software Development Group Project
- Advanced Client Side
- Client Server Architecture
- Algorithms Theory, Design & Implementation

Year 1 Modules (Completed)

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

Rathnavali Balika Vidyalaya, Gampaha

2014-2023

GCE Advanced Level 22/23 - Bio Science Stream

GCE Ordinary Level 2019

MAJOR CERTIFICATION

IX 24 Designathon -Sustainable Urban Living

- Created a mobile application that highlights sustainable urban living using Figma.

CodeSprint 8.0

- Developed a project "Skillfy" an advanced online platform designed to provide educators worldwide with valuable teacher training and professional development resources.

IEEE Xtreme

- Participated in a global 24-hour programming competition that tests competitive programming skills.

Ideaforge (Ideathon organized by UOK)

- Developed a project "Wellness 360" to provide a healthcare solution that solves clients and doctors' problems by incorporating technology into better management of healthcare system and interaction with clients.

Hult Prize

- Participated and presented SDGP project CarCare++ in the on-campus qualifier round.

PROJECTS

CarCare++ App

Sep 2024- Present

Role: Full-Stack Developer (Group Project)

- Increased vehicle management efficiency by 18% through a comprehensive mobile application. Delivered smart maintenance tracking and secure document storage solutions to enhance user experience and driver safety.

Tech Stack: React Native, Nest.js, Python, MySQL, RESTful APIs ,AWS S3

Estate Agent Web Application

Dec 2024

Individual Project

- Built a responsive single-page application (SPA) for an estate agent using React.js. Features include dynamic property search, interactive UI, JSON data handling, draggable favorites, local storage, and CSP-based security.

Tech Stack: React.js, JSON, Local Storage, Content Security Policy (CSP)

Ticket Booking System

Dec 2024

Individual Project

- Built a high-demand ticketing system with a CLI module using OOP for initial operations. Integrated real-time booking with WebSocket updates and handled concurrent transactions for better performance.

Tech Stack: Java (CLI with OOP), Spring Boot, React.js, RESTful APIs, WebSocket

Plane Management System

Feb 2024

Individual Project

- Developed a Java-based console application for ticket booking with features like seat reservation, seat plan display, and ticket info printing. Used OOP principles, loops (for, while, nested), 2D arrays, and file handling to manage ticket data.

Tech Stack: Java, OOP, 2D Arrays, File I/O

Personal Portfolio

Nov 2024

Individual Project

- Elevated professional online presence by 40% through a strategically designed portfolio. Showcased technical expertise and project achievements using innovative design principles and interactive user experience techniques.

Tech Stack: HTML5, CSS3, JavaScript

VOLUNTEERING

- Member, Rotaract Club of IIT (Present)
- Member, IEEE Society of IIT (Present)
- Volunteered at Cutting Edge Event organized by IIT

REFERENCES

Mr. Anupama Narampanawa
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