THARINDU MADUSHANKA

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SKILLS

- Time Management
- Communication
- Teamwork
- Problem Solving
- Critical Thinking
- Interpersonal

PROGRAMMING LANGUAGES & FRAMEWORKS

- Java
- Python
- HTML/CSS
- JavaScript
- SQL
- React JS
- Springboot
- Node JS
- Boostrap
- Tailwind CSS

Computer Science Undergraduate

PROFILE

A self-motivated Computer Science undergraduate passionate about software development, with strong programming skills and a quick learning ability. Dedicated to exploring emerging technologies and contributing to innovative solutions in the tech industry.

EDUCATION

University of Westminster - BSc (Hons) Computer Science
2023 – Present

2nd Year Modules
- Object Oriented Programming
- Database Systems
- Software Development Group Project
- Client-Server Architectures
- Advanced Client-Side Development
- Algorithms; Theory Design & Implementation

1st Year Modules
- Software Development I
- Mathematics Computing
- Trends in Computer Science
- Computer Systems Fundamentals
- Software Development II
- Web Design and Development

Institute of Software Engineering – IJSE
CMJD Professional | Comprehensive Master Java Developer
Feb 2024 – Oct 2024
- Fundamentals of Java and Object-Oriented Programming (OOP) in Java
- MVC (Model-View-Controller) and layered architecture principles
- Software design patterns and best practices
- Database management with MySQL
- Web development skills in HTML, CSS, JavaScript
- Frontend frameworks and libraries: Bootstrap, Tailwind CSS, React
- Backend development with Spring Boot

Richmond College – Galle
2007 – 2021

- **G.C.E A/L 2022** (Physical Science Stream)
  Mathematics (C), Physics (S), Chemistry(S)
- **G.C.E O/L 2018**
  A8 B1

EXTRA CURRICULAR

- Volunteer member of "Sasnaka Sansada" Educational Association
- Member of School Athletic Club
- Member of School Karate Club

LANGUAGES

- English - Professional proficiency
- Sinhala - Native proficiency

E – CERTIFICATES

- Programming with JavaScript – Meta
- Object-Oriented Programming with Java - Universidad de Palermo
- Introduction to Relational Database and SQL – Coursera
- Jakarta EE Overview - LinkedIn
- Java & SQL (Basic) – HackerRank
- MySQL Essential Training – LinkedIn
- Python for Non-Programmers - LinkedIn

REFERENCES

Mr. Seyad Ruzaik
Assistant Lecturer at IIT
Email: seyedruzaik@gmail.com

Mr. Anjana Thrishakya
Senior Tech Lead at RapidM3 / Co-Founder at HCode Solutions / Senior Lecturer at IJSE / Manager - Training and Development – IJSE

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PROJECTS

Interview Suite (SDGP)
An AI-driven platform for interview preparation and candidate assessment, providing job seekers with AI feedback, mock interview sessions, body language analysis, gamified challenges, and dynamic question generation to improve both technical and behavioral skills.

- Programming: Python, JavaScript
- Frontend: React, Bootstrap, Tailwind CSS
- Backend: Django, PostgreSQL
- AI/NLP: Hugging Face Transformers, OpenAI Whisper, PyTorch, BERT
- APIs and Libraries: Web Speech API, OpenCV, Redux, Axios
- Dev Tools: Git, CodeMirror

Library Management System
A Java-based library management system using JavaFX and MySQL, featuring layered architecture. It manages book categories, members, book issuance/returns, late return fines, and library usage statistics.

- Programming: Java, JavaFX
- Database: MySQL, JDBC
- Architecture: Layered architecture (Presentation, Service, Data Access, and Database layers)
- Version Control: Git

Point of Sale System (POS)
Developed a POS system backend with Spring Boot and MySQL, featuring item management, stock control, and sales transactions. Implemented JWT-based authentication and RESTful APIs. Frontend developed with React and Bootstrap.

- Backend Development: Spring Boot, Spring Security, JPA
- Database: MySQL
- REST API Development: JWT-based authentication, CRUD operations for items, stock, and sales transactions
- Documentation: Swagger
- Testing: Unit testing for authentication and transaction processes
- Frontend: React, Bootstrap

Personal Blog Site
A responsive personal blog site developed using React.js and Bootstrap. The platform allows users to explore and share articles seamlessly, featuring a clean, modern design and intuitive navigation for an engaging user experience

- Frontend Development: React.js
- UI Design: Bootstrap
- Responsive Web Design
- Component-based Architecture