SANDEWDI NOWANYA

Software Engineer

✉ nowanyafonseka@gmail.com   🌐 sandewdinowanya.online   ⌨ GSNowanyaFonseka

📞 +94 714184070   in sandewdi-nowanya

PROFILE SUMMARY

Passionate and dedicated Computer Science student at the University of Westminster, specializing in software engineering, web development and databases. Proficient in object-oriented programming (OOP), web development, database management systems, algorithms, and server-side programming. Strong team player with excellent communication, problem-solving, and adaptability skills, honed through collaborative projects.

TECHNICAL SKILLS

- Programming Languages
  - Java, Python, JavaScript, PHP, SQL
- Backend Frameworks
  - Node.js, Spring Boot
- Databases
  - MySQL, Firebase, MongoDB

- APIs & Web Services
  - RESTful APIs
- Frontend Technologies
  - React.js, Tailwind CSS, HTML, CSS
- Tools
  - Power BI, Tableau, GitHub

PROJECTS

University Space Management System - SPACEFIX

October 2024 - Present

- Developed SPACEFIX to optimize university space utilization by addressing real-world problems with innovative features.
- Utilized React Vite.js for frontend development, ensuring an intuitive and responsive user interface.
- Leveraged Firebase Firestore for backend database management, ensuring seamless data storage and retrieval.
- Contribute to the overall project success through effective teamwork, communication, and problem-solving skills.

Real-Time Event Ticketing System

October 2024 - December 2024

- Developed a comprehensive ticket management system using React for the frontend and Spring Boot for the backend, ensuring a seamless user experience.
- Applied advanced multithreading and synchronization techniques in Java to handle concurrent ticket purchases efficiently.
- Integrated RESTful APIs for smooth communication between the frontend and backend services.

Personal Portfolio - https://sandewdi-portfolio.vercel.app/

June 2024 - August 2024

- Designed and developed a modern, responsive portfolio website using HTML, CSS, and JavaScript, ensuring optimal performance across all devices.
- Implemented interactive UI/UX features with JavaScript animations and CSS transitions to enhance user experience.

EDUCATION

BSC (HONS) COMPUTER SCIENCE
University of Westminster

2023 - Present

- Completed first year with an **average of 74%**

- Achieved an **average of 73.74%** in Second Year 1st Semester

- Modules Covered
    - Data Structures and Algorithms
    - Server-Side Web Development
    - Client-Server Architecture
    - Software Development Group Project
    - Object-Oriented-Programming
    - Software Development
    - Mathematics for Computing
    - Trends in Computer Science
    - Computer System Fundamental
    - Web Design and Development
    - Database Systems

FOUNDATION DEGREE
Informatics Institute of Technology

Jan 2023 - Aug 2024

- Achieved a **Merit Pass,** demonstrating a solid academic foundation in IT fundamentals

CERTIFICATIONS

- Udemy Web Development Course
- Analyzing and Visualizing Data with Microsoft Power BI
- Hackerrank SQL
- Linkedin Courses

ACHIEVEMENTS

- Merit Pass in Foundation Certificate in Higher Education

CO-CURRICULAR ACTIVITIES

- Member of IEEE
- Participated CodesPrint 8

REFERENCES

Torin Wirasingha

Lecturer / Level Coordinator

Faculty of Computing

Informatics Institute of Technology

+94-112-360-212 | 076 8209747

torin.w@iit.ac.lk | wirasit@my.westminster.ac.uk

Oshadha Goonathilaka

Associate Cloud Engineer at MillenniumIT ESP /

Visiting Lecturer at Informatics Institute of

Technology

+94776223239

oshadhago@mitesp.com | oshadha.g@iit.ac.lk