Sahan Gunawardhana

Software Engineer

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Github | Linkedin

PROFILE SUMMARY

Motivated second-yearComputer Science undergraduate with a strong foundation in programming, algorithms, and full-stack development. Skilled in both frontend and backend technologies, with hands-on experience building responsive, user-friendly applications. A detail-oriented problem solver with strong time management and teamwork abilities. Passionate about UI/UX design and eager to contribute to innovative software projects while continuously sharpening technical skills.

EDUCATION

BSc(Hons) Computer Science

Informatics Institute Of Technology associated with University Of Westminster London UK 2023-present

First Year

- Software Development I - B
- Software Development II - C
- Trends In Computer Science - B
- Computer System Fundamentals - A
- Web Design And Development - B
- Mathematics For Computing - A

Second Year

- Object Oriented Programming - TBC
- Software Development Group Project - TBC
- Client-Server Architectures - TBC
- Database Systems - TBC
- HCI & Usability - TBC
- Algorithms and Theory Design - TBC

- Half Foundation Certificate in Higher Education - IIT

PROJECTS

GROUP PROJECTS

- Software Development Group Project - B2B Resource Exchange Platform for Circular Economy with online bidding system. React, NodeJS, MongoDB, RESTful APIs
- Web Design and Development Group Project - Create Good Health and well-Being web site using html, css and java script (2024)
- HCI Group Project - "ECOTRACK" App design for sustainable development 12 (2024)

INDIVIDUAL PROJECTS

- **OOP Real Time Ticketing System** - simple ticketing system using Spring Boot (backend) and React (frontend) that allows users to buy tickets and vendors to add tickets. created by using React, SpringBoot and SQL(2025)
- Plane Management System java project
- **Rural Hands(A Smart E-Commerce Platform)** - RuralHands is a smart web platform designed to connect Sri Lankan rural sellers and buyers. The primary technologies used in the development of this project were React.js, Tailwind CSS, Node.js, Express.js, and MongoDB

- **Simple Quiz App** - Public A basic quiz application built with HTML, CSS, and JavaScript.
- **WattDeal – B2B Resource Exchange Platform for the Electrical Industry** – A web platform designed to promote circular economy practices in the electrical sector. Built with [insert tech stack if you want to include it], WattDeal enables businesses to buy, sell, and bid on second-hand or surplus electrical resources. Features include a B2B marketplace, partnership management tools, a bidding system, and trend analysis to help companies make sustainable and cost-effective decisions.
- **DiveGo (UI/UX Project**) - This is a UI/UX project designed using Figma to support user engagement in marine tourism and diving center discovery initiatives.
- **Inky-Pinky-Poly game create by python**
- **Student progress prediction system** - Using python create this get user marks and show their credit and finally show using histogram their marks chart.

SKILLS

TECHNICAL SKILLS

- **Programming Languages -** Python, Java, C, OOP
- **Frontend Development -** HTML / CSS / JS, ReactJS, JavaFX, Angular
- **Backend -** Spring Boot,Node.js
- **Databases -** SQL, MongoDB
- **UI Design -** Figma
- **RESTful APIs**

SOFT SKILLS

- Problem Solving
- Communication and Presentation
- Adaptability
- Calloborative Team Work

ACHIVEMENTS

- CodeRally - Hackathon certificate
- IDET certificate - Basic Java Development
- Certificate University of Moratuwa - Python for Beginners / Web Design for Beginners
- Java (basic) - Hackerank certificate
- Spring Boot 2.0 Essential Training(LinkedIn Learning)(2024)
- Learning SQL Programming (LinkedIn Learning)(2024)
- Java OOP(LinkedIn Learning)(2024)
- React.js Essential Training (LinkedIn Learning)(2024)
- Lerning Node.js (LinkedIn Learning)(2024)
- Programming Foundations: Software Testing/QA (LinkedIn Learning)(2025)

LEADERSHIP SKILLS

- Team leader - CodeRally Hackathon

INTERESTS

- Software Development
- Full-Stack Development
- Web Development
- UI UX Design & Development

REFERENCES

Mrs. Uvini Abeyasinghe

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Mr.Tharindu Madushan

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