

Sithija Harshana Jayasinghe

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 GitHub |  LinkedIn

 Colombo, Sri Lanka

PROFESSIONAL SUMMARY

“Successfully combined studies, part-time work, extra-curricular activities and volunteering. My ambition is to work in a prestigious place where I can further improve my skills while sharing my experience productivity.”

ACADEMIC QUALIFICATIONS

- **Bachelor of Information Technology (Undergraduate – Final year/ 2022- 2026)**
University of Colombo , School of computing Faculty
- **Currently Studying iCET Certifier Developer Course**
Institute of Computer Engineering Technology, Panadura
- **Higher National Diploma in Information Technology (2024)**
University of Colombo, School of Computing Faculty
- **Diploma in Information Technology (2023)**
University of Colombo, School of Computing Faculty

CERTIFICATIONS

- **Google Project Management Specialization**
offered by Google through the Coursera platform
- **Introduction to Software Engineering**
Offered by IBM through the Coursera platform
- **Fundamentals of Java Programming**
Offered by Broad Infinity through the Coursera platform
- **Introduction to Databases**
Offered by Meta through the Coursera platform
- **Database Structures and Management with MySQL**
Offered by Meta through the Coursera platform
- **Introduction to Front-End Development**
Offered by Meta through the Coursera Platform
- **Java Programming for Beginners**
Offered by IBM through the Coursera Platform
- **Introduction to HTML, CSS, & JavaScript**
Offered by IBM through the Coursera Platform
- **Object Oriented Programming in Java**
Offered by IBM through the Coursera Platform

- **Foundations of User Experience (UX) Design**
Offered by Google through the Coursera Platform

TECHNICAL SKILLS

LANGUAGES:

Java | Java Script | HTML5 | CSS3

DATABASES:

MySQL

PROJECTS

1. **Shades By Jay – Open-Source UI Component Library (HTML, CSS, Js)** | [GitHub](#) | [Web Site](#)

Designed and developed a comprehensive open-source UI component library featuring 250+ production-ready components built with pure HTML and CSS, eliminating framework dependencies for maximum compatibility and performance. Architected a clean, modular codebase organized into 10+ categories (Buttons, Cards, Loaders, Switches, Forms, 3D Effects, and more) with an intuitive one-click copy system for seamless integration into any web project. Implemented an interactive Code Playground enabling real-time component experimentation and customization, alongside full dark/light mode support for enhanced user experience. Released under MIT License to encourage community contributions and collaboration. The library prioritizes accessibility, maintainability, and developer experience, serving as a time-saving resource for developers seeking high-quality, customizable UI components without framework overhead. Successfully launched and promoted within the developer community, addressing the common pain point of component discovery and implementation efficiency.

2. **BrightMindAid – Educational Resource Platform for Sri Lankan Students (React, Supabase)** | [GitHub](#) | [Web Site](#)

Designed and developed a comprehensive open-source UI component library featuring 250+ production-ready components built with pure HTML and CSS, eliminating framework dependencies for maximum compatibility and performance. Architected a clean, modular codebase organized into 10+ categories (Buttons, Cards, Loaders, Switches, Forms, 3D Effects, and more) with an intuitive one-click copy system for seamless integration into any web project. Implemented an interactive Code Playground enabling real-time component experimentation and customization, alongside full dark/light mode support for enhanced user experience. Released under MIT License to encourage community contributions and collaboration. The library prioritizes accessibility, maintainability, and developer experience, serving as a time-saving resource for developers seeking high-quality, customizable UI components without framework overhead. Successfully launched and promoted within the developer community, addressing the common pain point of component discovery and implementation efficiency.

3. **Burger Shop Management System – Java (OOP, MVC, File Handling)** | [GitHub](#)

Developed a fully functional burger shop management application using Java with a strong emphasis on clean architecture and efficient data handling. Implemented an MVC structure along with custom data structures (linked lists and dynamic arrays) to manage orders and customers effectively. The system supports creating and updating orders, searching customer/order records, and identifying top customers based on purchase history. It includes robust validation, efficient traversal logic, and complete data persistence through file handling (FileReader, FileWriter, BufferedReader). Designed to ensure smooth order processing, reliability, and maintainability.

4. **SkyScope - Weather Information Web App (HTML/JS + API Integration)** | [GitHub](#)

Created a web-based weather information application that lets users view real-time weather data including humidity, wind speed, “feels like” temperature, UV index, visibility, local time, and country/location details. Built with frontend technologies (HTML, CSS, JavaScript) and integrated with a weather data API to fetch live weather data dynamically. The interface is simple and user-friendly, designed to present relevant weather information clearly and responsively. Demonstrates skills in web development, API consumption, asynchronous data handling, and dynamic content rendering in the browser.

5. **GrillMaster POS – Web-based Restaurant Point-of-Sale System** | [GitHub](#)

Developed a full-featured POS (Point-of-Sale) system for a grill / burger shop, built as a web application to manage products, customers, and orders efficiently. The system allows staff to:

- Manage product catalog (burgers, fries, drinks etc.) - add, update, and save product entries.
- Register and manage customers.
- Create and manage orders via a cart interface: supports walk-in orders, compute subtotals, apply tax (e.g. 5%), and calculate total price.
- Handle billing/checkouts or save orders as drafts, supporting flexible order flows (immediate checkout or draft for later).

The application demonstrates ability to handle core POS operations - product management, customer management, order creation and checkout flow - in a clean, intuitive user interface. It shows skills in frontend/backend web development, data management, user interface design, and real-world business logic implementation.

REFERENCES

Mr. Frank Cronemberg

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Dialog Axiata PLC
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