Udani Amasha
Computer Science Undergraduate

CONTACT

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Portfolio:
https://udaniamasha.github.io/udani-amasha-portfolio/

LANGUAGES

- English (Fluent)
- Sinhala (Fluent)

PROFESSIONAL SUMMARY

Second-year Computer Science undergraduate specializing in front-end engineering and modern web application development. Experienced in building scalable React-based interfaces with state management, dynamic routing, and REST API integration. Strong understanding of component architecture, accessibility, and performance-conscious design. Seeking a Front-End Developer internship to contribute to high-quality, user-focused digital products.

EDUCATION

BSc (Hons) Computer Science University of Westminster, UK	2024 - 2028
Foundation Program in Computer Science Informatics Institute of Technology, Colombo	2023 - 2024
Sanghamitta Balika Vidyalaya, Galle	2008 - 2022

ACHIEVEMENTS

Model X Hackathon (Team Lead) – Developed ML solution using LightGBM & SHAP

Professional Certificate in Java Programming

Distinction – Professional Certificate in Graphic Design

Distinction – Foundation Programme

PROJECTS

AgroLink – Digital Agriculture Investment Platform   Oct 2025 - Present

- Developing mobile UI components using React Native
- Integrated REST APIs for dynamic backend data
- Collaboration within full-stack agile development team

Technologies: React Native, REST APIs, MongoDB, Docker, SpringBoot.

Social Media Usage Data Analysis (2025)
Feb 2026-March 2026

- Cleaned and analysed a dataset using pandas
- Created visualisations to explore behavioural patterns

Technologies :   Python, Pandas, LightGBM, SHAP

DreamEstate – React Real Estate SPA
Oct 2025-Dec 2025

- Built responsive React application with dynamic routing and global state management
- Implemented advanced property filtering and drag-and-drop favourites
- Applied secure rendering using DOMPurify and CSP
- Developed unit tests using Vitest

Technologies: React.js, React Router, Context API, Vite, CSS3, DOMPurify, Vitest

Task Management System
Sep 2025-Oct 2025

- Designed layered Java application implementing CRUD operations with relational database integration

Technologies :   Java, MySQL, JDBC, OOP

Harmonia Website Development
Jan 2025 – Apr 2025

- Developed responsive multi-page website with accessibility and validation features

Technologies :   HTML, CSS, JavaScript

Healthy Food Mobile App Prototype (PurePlate)
Jan 2024 – Apr 2024

- Co-designed innovative mobile app prototype focusing on intuitive UI/UX

Technologies :   Figma

REFERENCES

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