Udani Amasha

Computer Science Undergraduate

CONTACT

📞 Phone:
0772883543

✉ Email Address:
udanivithanage10@gmail.com

📍 Address:
Galle, Sri Lanka

in LinkedIn:
www.linkedin.com/in/udaniamasha

⬤ Github:
https://github.com/Udaniamasha

☕ 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.

SOFT SKILLS

- Attention to Detail
- Communication Skills
- Team Collaboration
- Creativity & Visual Thinking
- Adaptability & Willingness
  to Learn

TECH SKILLS

- **Frontend**: React.js, React Native, JavaScript (ES6+), HTML5, CSS3

- **Architecture & State:** Component-Based Design, Context API, React Router, SPA & Multi-Page Applications

- **API & Data Handling:** REST APIs, JSON Processing, Fetch API

- **Testing & Security:** Vitest, DOMPurify, Content Security Policy (CSP)

- **Backend Awareness:** Java, Spring Boot, MySQL, MongoDB

- **Tools**: Git, GitHub, GitHub Actions, Vite, Docker (Basic), VS Code, IntelliJ

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

Asini Pathmila Silva
Assistant Lecturer
Informatics Institute of
Technology, Sri Lanka
Email: asini.s@iit.ac.lk
Tel: +94771634239

Suchira Liyanage
Senior Software Engineer
OXO Tech (pvt) Ltd
suchira.liyanage@oxoholdings.biz
+94771565641