NAWRASAMA

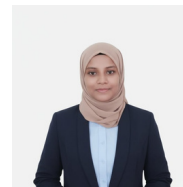**Computer Science Undergraduate**

✉ mail2samasama@gmail.com   📞 +94 770 785 134   in [NawraSama]   📍 SriLanka

SUMMARY

Computer Science undergraduate with a strong foundation in software development and a passion for building efficient, user-focused applications. Skilled in contributing across the full development lifecycle and eager to apply strong problem-solving abilities within a collaborative software engineering environment.

EDUCATION

Bachelor of Science in Computer Science and Technology (R) | 2022 - 2026
Uva Wellassa University of Sri Lanka

G.C.E Advanced Level | 2020
Physical Science (ICT)

PROJECTS

Final Year Research Project | Ongoing

Real-Time Malicious URL Detection Browser Extension (Chromium-Compatible)

This research project focuses on enhancing browser security through a real-time malicious URL detection system. Utilizing heuristic analysis, NLP, a Random Forest model, and Explainable AI (LIME), the extension improves threat detection accuracy and ensures transparent, explainable decision-making for users.

Video Conference Web App ↗

A MERN stack application enabling real-time, peer-to-peer video communication via WebRTC. Features include secure user authentication, dynamic room management with MongoDB, and a responsive interface designed for seamless multi-user video conferencing.

Freshmart – Online Grocery Store ↗

A full-stack e-commerce platform for online grocery shopping, engineered with HTML5, CSS3, JavaScript, and Node.js. Key functionalities encompass user authentication, advanced product filtering, and a persistent shopping cart system to streamline the customer purchasing journey.

TourGuide Sri Lanka ↗

A responsive travel website providing comprehensive travel planning services for Sri Lanka. Built with PHP and modern front-end technologies, it features destination guides, integrated hotel booking, and end-to-end itinerary planning tools.

BMICal – Android Application ↗

A native Android application for calculating and classifying Body Mass Index (BMI). Written in Kotlin and utilizing ViewBinding for an optimized UI, the app delivers a smooth and intuitive user experience for health tracking.

SKILLS

Technical Skills: Java, Python, JavaScript, TypeScript, HTML, CSS, React.js, Angular, Node.js, MySQL, MongoDB, PostgreSQL, Express.js, Spring Boot, Django.

Soft Skills: Problem-solving, debugging, quick learning, adaptability, communication, collaboration, and time management.

REFERENCES

M. Janotheepan
Lecturer
Department of Computer Science and Informatics
Uva Wellassa University
Phone: +94 77 782 0899
Email: janotheepan.m@uwu.ac.lk

R. Nafees
IT Operations Executive
Phone: +94 76 207 3853
Email: mrnafees49@gmail.com