

Nimesha M Hettiarachchi

✉ nmhetti619@gmail.com

☎ +94 714 785 490

📍 7th lane, Saman Place, Paradise Junction, Kuruwita

🌐 Nimesha M Hettiarachchi

ABOUT ME

I am a recent graduate with a BSc (Hons) in Computer Security from NSBM Green University, awarded by University of Plymouth. I have developed a strong foundation in cybersecurity principles, network security, and IT systems through academic coursework and practical projects. I am passionate about protecting systems, identifying vulnerabilities, and supporting secure IT environments. I am eager to begin my career in cybersecurity or IT support where I can apply my knowledge, continue learning, and contribute to maintaining secure and reliable systems.

EDUCATION

<i>CCNA Program</i>	Ongoing
UNIVERSITY OF PLYMOUTH <i>BSc (Hons) Computer Security (Second Class Lower Division)</i>	2022 – 2025
ST. ALOYSIUS COLLEGE <i>GCE. Advanced level (Technology Stream)</i>	2019 – 2022
ST. ALOYSIUS COLLEGE <i>GCE. Ordinary level (English medium)</i>	2016 – 2018

EXPERIENCE

Digital Marketing Executive (INTERN) <i>360 Digital Solutions</i>	2023 – 2024
<ul style="list-style-type: none">• Developing and Managing WordPress Websites• Digital Marketing Projects - Social Media, SEO, Paid Ads• Project Management Support• Marketing Activities Assistance - Content, Analytics, Research• Administrative Tasks	

SKILLS

Programming Languages

- Python
- JavaScript
- C
- C++

Markup Languages

- HTML
- CSS
- SQL

Tools and Technologies

- VS Code
 - Packet Tracer
 - Electron
 - Autopsy
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ACADEMIC PROJECTS

The WATCHER

(React, Electron-vite, TypeScript, JavaScript, VirusTotal)

Developed a cross-platform desktop application for digital forensic analysis using Electron, React, and TypeScript. The tool enables investigators to analyze file evidence, detect USB device artifacts from the Windows registry, and scan suspicious files using the VirusTotal API. Implemented features such as file evidence viewing, USB artifact monitoring, malware scan integration, and forensic report export in JSON format. The application provides a structured dashboard interface for managing digital evidence and supports automated threat analysis.

GREEN SUPERMARKET

(HTML, CSS, C, JAVA, JSP, PL/SQL)

This website was made as part of a class project at university. This is mostly concerned with the green idea. PayPal allows users to purchase any item, and consumers receive an email confirming their order. The administrator has access to change the stock levels.

AssembleZ

(Python, Flask, Bootstrap, JavaScript)

AssembleZ is a platform designed to simplify the process of finding and comparing PC components in Sri Lanka. The platform is designed to make the PC building process accessible to everyone, from beginners to experienced builders, while ensuring they get the best value for their investment.

SafeSteps

(ESP32, C++, GPS, DHT11)

Smart Miner Safety Tracking Watch – Built an Arduino/ESP32-based wearable device that monitors GPS location, heart rate, and environmental temperature using GPS, DHT11, and heart rate sensors, with a buzzer alert system and desktop application for real-time monitoring by administrators.

LANGUAGES

English

Sinhala

CURRICULAR ACTIVITIES

Qualified in Blue Belt (WADO-RYU) in KARATE.

REFERENCES

Dr. Pabudi T Abeyrathne, *Lecturer (Ph.D. in Computer Engineering)*,
Department of Network and Security Faculty of Computing NSBM Green University, pabudi.a@nsbm.ac.lk,
0778290490