

ASHEN ABEYSEKARA

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SUMMARY — I am a 20-year-old Computer Security undergraduate passionate about networking and cybersecurity. I enjoy staying current with new technologies and collaborating to solve problems. In my free time, I do bug bounties on Android applications, learn about web security, and participate in CTF challenges. I also enjoy coding and expanding my knowledge of programming languages. I am committed to creating innovative and effective cybersecurity solutions.

SKILLS

Security-Tools: Linux, BurpSuite, Wireshark, Metasploit, Nmap

Programming: Python, JavaScript, Java, C, C#, SQL, PHP
Non-Tech: Quick learner, Teamwork, Problem-Solving

EDUCATION

BSc (Hons) Computer Security

Sep 2022 – Sep 2025

Plymouth University, United Kingdom

First-Year Modules

Intro to Computer Science - A
Programming in C - A
Mathematics for Computing - A(-)
Database Management System - A
Web Application Development - A(-)
Computer Architecture - B(-)
Data Structures & Algorithms - A(-)
System Analysis & Design - B(+)
OOP with C# - A

Second-Year Modules

Information Retrieval & Management - 69.50
Software Engineering 2 - 64.20
Introduction to IoT - 64.00
Computing Group Project - 65.60
Security Architecture & Cryptography - 80.60
Computer Networks - 74.00

Foundation Programme for Bachelor's Degree

Sep 2021 – Sep 2022

NSBM Green University, Sri Lanka

Grades - A(+)-4, A-3, B(+)-3

GCE Ordinary Level

Jan 2010 – Dec 2020

DS Senanayake College, Colombo, Sri Lanka

Grades - A-4, B-2, C-3

Certifications

Cisco - Endpoint Security
LinkedIn - Cybersecurity Awareness: Cloud Security
LinkedIn - Cybersecurity Foundations: GRC
Cisco - Networking Devices and Initial Configuration

Cisco - Networking Basics
Sololearn - Python Intermediate
Cisco - Introduction to Cybersecurity
LinkedIn - JavaScript Essential Training

PROJECTS

Advanced Key Logger

- Developed an advanced key logger capable of sending emails, gathering computer information, clipboard contents, collecting audio from the microphone, and taking screenshots.
- **Languages Used:** Python

UpTime

- Developed a predictive maintenance system for diesel generators using different types of sensors. Developed a mobile app to show the analytics of the generator that was sent to the database from sensors.
- **Languages Used:** C++ , Dart, Firebase, SQL

Basic Reverse Shell

- Created a basic reverse shell to access my PC from a Kali Linux machine.
- **Languages Used:** C

File Integrity Monitor

- Implemented a file integrity monitoring tool with a C# GUI to track unauthorized changes to critical files.
- **Languages Used:** PowerShell, C#

VOLUNTEERING AND SOCIETIES

- **CSSL GenZ Chapter of NSBM Green University** - Assistant Secretary of Events

- **Student Member** - CSSL
- **NITC 2023** - Organizing Committee

REFERENCES

Mr. Isuru Sri Bandara

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NSBM Green University
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Mr. Chamara Dissanayake

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