Shenal Gardiwasam

Undergraduate, BSc Computer Science (Cybersecurity),
Swinburne University of Technology, Malaysia

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Licenses and Certifications

• AWS Academy Graduate – AWS Academy Cloud Architecting
Issued by Amazon Web Services (AWS)

• AWS Academy Graduate – AWS Academy Cloud Foundations
Issued by Amazon Web Services (AWS)

Languages

• **English**
(Speaking, Reading, Writing)

• **Sinhala**
(Speaking, Reading, Writing)

• **Tamil**
(Reading, Writing)

Profile

Motivated and detail-oriented undergraduate at Swinburne University of Technology, Malaysia, currently pursuing a Bachelor of Computer Science with a major in Cybersecurity. Actively seeking an internship to apply my technical skills in programming, cloud computing, networking and cybersecurity within a real-world environment. Known for strong leadership, planning and teamwork abilities developed through academic projects and extracurricular involvement. I thrive in collaborative settings and bring a proactive mindset to problem-solving, aiming to contribute meaningful value to any organization I join.

Education

Feb,2025 - Feb,2027

Swinburne University of Technology, Malaysia

Bachelor of Computer Science, major in Cybersecurity (Undergraduate)

Gained foundational knowledge in programming, cloud computing, networking, web technologies and malware analysis, while actively contributing to industrial group projects that foster teamwork and practical problem-solving.

Feb,2024 - Jan,2025

Nawaloka College of Higher Studies, Sri Lanka, affiliated with Swinburne University of Technology, Australia

Diploma of IT (Uni-Link)

Successfully completed the first year of the Swinburne University program in Sri Lanka, achieving second rank in the batch with a 3.875 GPA through consistent academic performance and active engagement in coursework.

2023

Royal College, Colombo 07, Sri Lanka

G. C. E. A/L Physical Science Stream

Successfully completed the GCE Advanced Level in the Physical Science stream, specializing in Combined Mathematics, Physics and Chemistry at Sri Lanka's number 1 ranked school.

2020

Dharmaraja College, Kandy, Sri Lanka

G. C. E. O/L

Successfully completed the GCE Ordinary Level examination with distinctions in all subjects at one of Sri Lanka's top-ranked national schools.

2020/2021

IMBS Green Campus, Sri Lanka

Diploma of English

Successfully completed at IMBS Green Campus, Sri Lanka, with a 3.4 GPA. Program assured by the University of Cambridge (UK), focusing on academic and professional English proficiency

2017

Esoft Metro Campus, Sri Lanka

Diploma of IT with E-Commerce

Completed at Esoft Metro Campus, Sri Lanka. Program assured by Pearson, covering foundational IT concepts and e-commerce applications.

Expertise

• Programming
(Java, JavaScript, Python,
HTML, CSS, PHP, C++, SQL)

• Web Development

• Networking Fundamental

• Cloud Computing
(AWS, basic deployment &
architecture)

• Cybersecurity Concepts &
Malware Analysis

• Database Management

• Technical Documentation &
Presentation

• Team Collaboration & Project
Planning

References

References available upon request

Project Highlights

- **SmartPlant Sarawak - AI & IoT mobile app for plant conservation | 2025 (Ongoing)**
  (Unit: COS30049 - Computer Technology Innovation Project)

  Collaborating in a group project to design a smart monitoring system to track plant health and environmental conditions using sensor data and AI-based analysis.

- **Automated Negotiation System - Developed using JADE multi-agent platform | 2025**
  (Unit: COS30018 - Intelligent Systems)

  Built a multi-agent system capable of simulating both automated and manual negotiations between parties, focusing on decision-making and agent communication.

- **Wildlife Species Image Classification - Built an AI model for species recognition | 2025**
  (Unit: COS30019 – Introduction to AI)

  Trained and tested an image classification model using machine learning to identify wildlife species from image datasets.

- **Emergency Communication System for Indigenous Communities | 2024**
  (Unit: COS10030 – Digital Technology in an Indigenous Context)

  Developed a web-based emergency alert system tailored for a remote community in Wilcannia, Australia, using HTML, CSS, PHP and MySQL with a design concept. Focused on accessibility and reliability.

- **Coffee Shop Website - Full-stack website with database integration | 2024**
  (Unit: COS10032 – Computing Systems Project)

  Created a complete online ordering and management system for a coffee shop, hosted on a university-provided server.
  Technologies used: HTML, CSS, PHP, MySQL.

- **Resort Reservation System | 2024**
  (Unit: COS10033 – Advanced Programming)

  Built a reservation system with user authentication, booking features and data handling using Java and object-oriented programming principles.