



Hi, I'm Yeheni Dodanwela

Computer Science Undergraduate

📍 Colombo, Sri Lanka

I'm a passionate Computer Science student with a love for building interactive websites and scalable applications. I enjoy exploring both front-end and back-end technologies to create meaningful digital experiences. Welcome to my portfolio—feel free to explore my projects and skills!

[⬇️ Download CV](#)[View Projects](#)

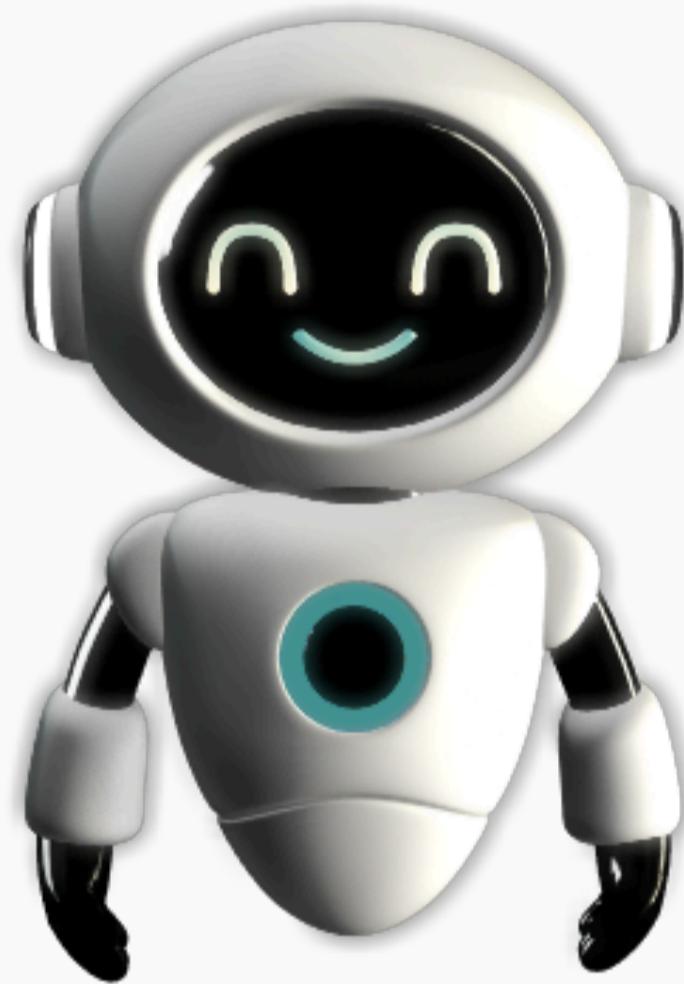
Hi, I'm Yeheni Dodanwela

Computer Science Undergraduate

📍 Colombo, Sri Lanka

I'm a passionate Computer Science student with a love for building interactive websites and scalable applications. I enjoy exploring both front-end and back-end technologies to create meaningful digital experiences. Welcome to my portfolio—feel free to explore my projects and skills!

[⬇️ Download CV](#)[View Projects](#)



About Me

I'm a second-year Computer Science undergraduate at IIT Sri Lanka, affiliated with the University of Westminster (UoW). I'm passionate about full-stack development and enjoy turning ideas into interactive, user-friendly applications. My focus spans both front-end and back-end technologies, allowing me to build scalable and efficient solutions. I'm constantly learning new tools and techniques, and I strive to contribute meaningful projects that make an impact.

6+
Projects

15+
Technologies

12+
Certificates

1+ yrs
Experience



About Me

I'm a second-year Computer Science undergraduate at IIT Sri Lanka, affiliated with the University of Westminster (UoW). I'm passionate about full-stack development and enjoy turning ideas into interactive, user-friendly applications. My focus spans both front-end and back-end technologies, allowing me to build scalable and efficient solutions. I'm constantly learning new tools and techniques, and I strive to contribute meaningful projects that make an impact.

6+
Projects

15+
Technologies

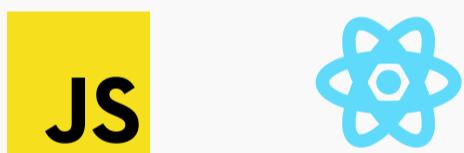
12+
Certificates

1+ yrs
Experience



My Skills

Frontend



Backend



express



GUI Development



Tools & Platforms



My Skills

Frontend



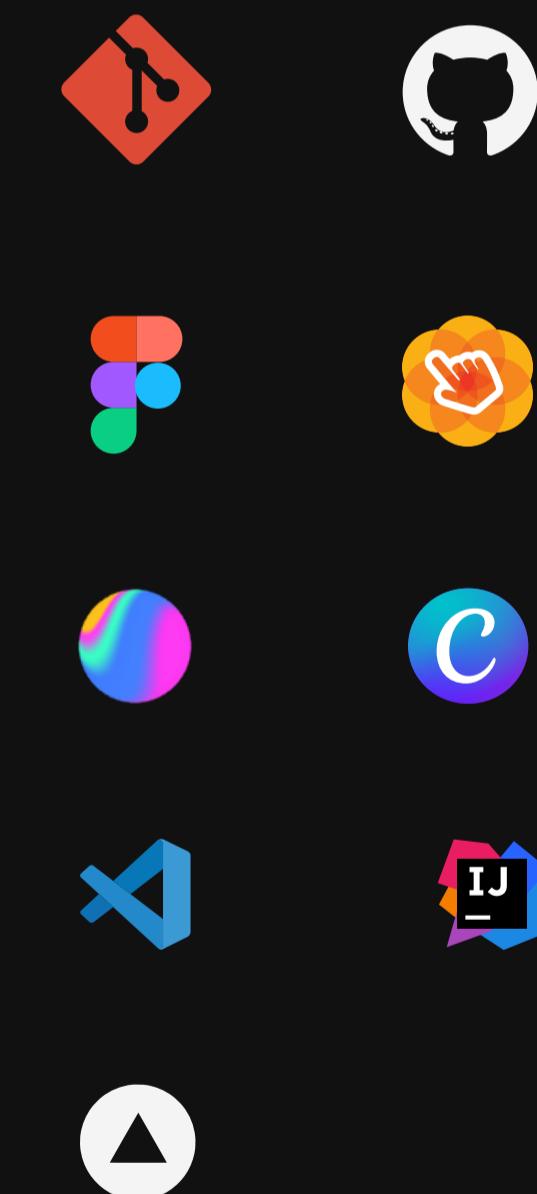
Backend



GUI Development



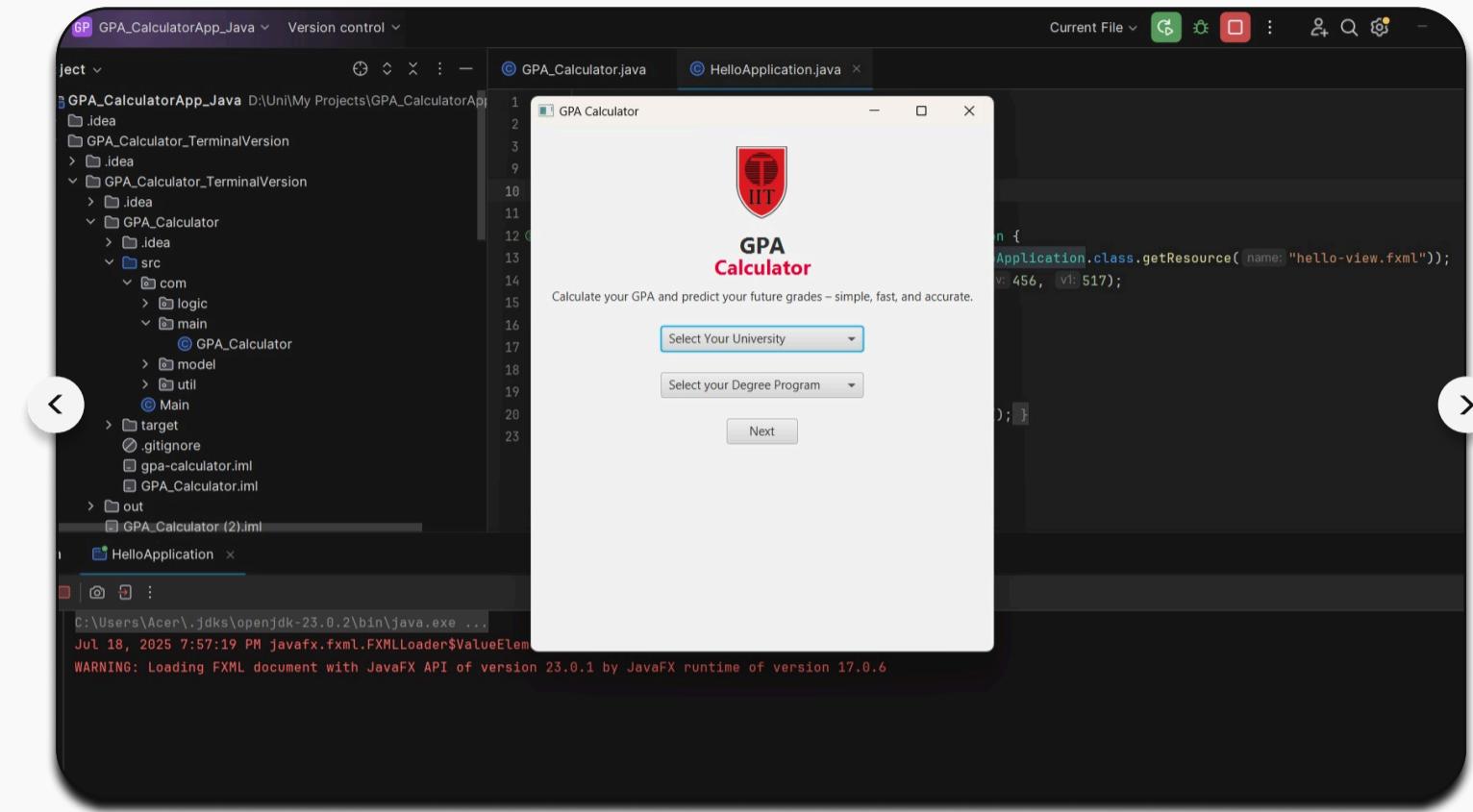
Tools & Platforms





GPA Calculator

A GPA calculator tool designed for students at the University of Westminster, helping them predict and calculate GPA using official academic regulations. Built in both console-based Java and GUI-based JavaFX versions, the application is scalable for multiple universities.

[GitHub](#)

Technologies Used

[Java](#)[JavaFX](#)[FXML](#)[Scene Builder](#)

Key Features

- Predict GPA using only 2nd-year marks
- Calculate full GPA with both 2nd- and 4th-year marks
- Input marks as final module grades or individual assignment scores
- Based on official UoW academic regulations and module proformas
- JavaFX GUI version for better usability
- Designed for future scalability and database integration



Projects

[Frontend](#)[Backend](#)[Full Stack](#)[Desktop Applications](#)[Design](#)

Traffic Data Visualizer

A Python desktop application for date validation, CSV processing, and traffic flow visualization at two junctions.

Python Tkinter

[GitHub](#) [More Details](#)

AquaProtect

AquaProtect is a website designed and developed to raise awareness about marine conservation, inspired by UN SDG 14.

HTML CSS JavaScript

[GitHub](#) [More Details](#)

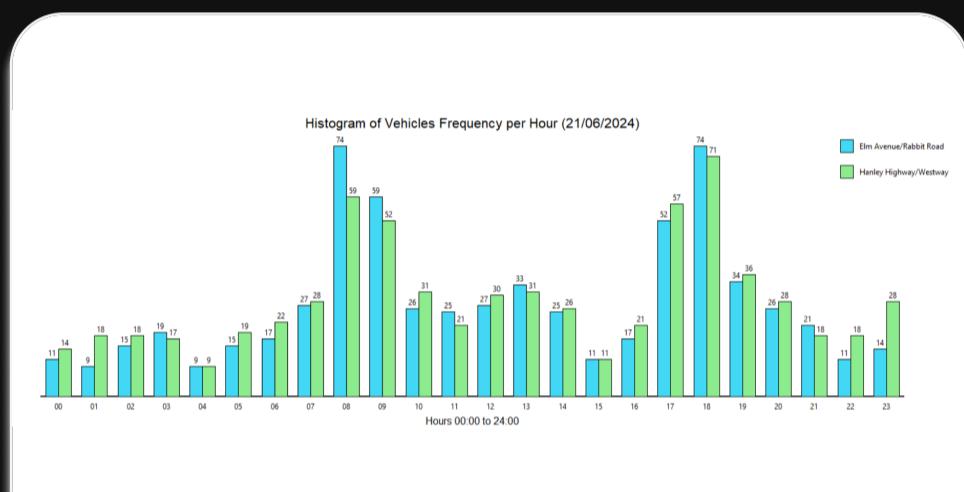
GIF Creator (Python)

A Python-based mini project that creates animated GIFs from a sequence of images using the imageio library.

Python

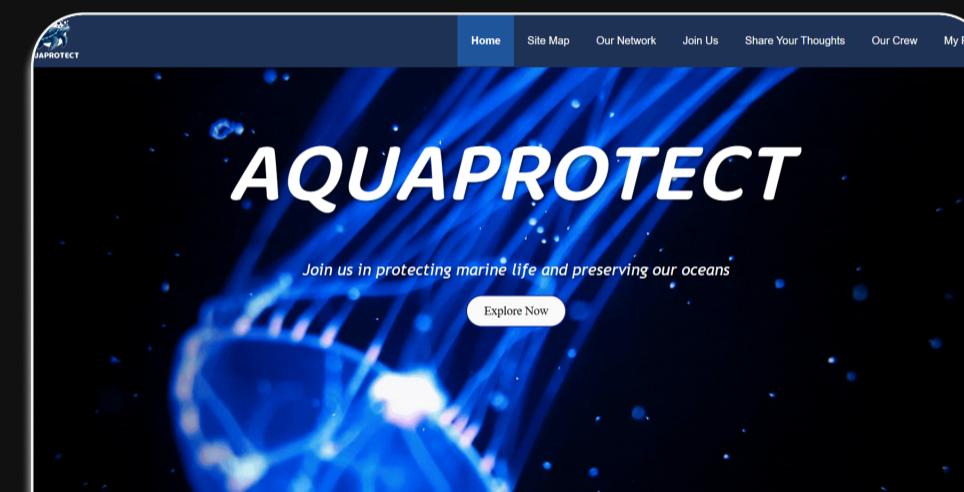
[GitHub](#) [More Details](#)

Projects

[Frontend](#)[Backend](#)[Full Stack](#)[Desktop Applications](#)[Design](#)

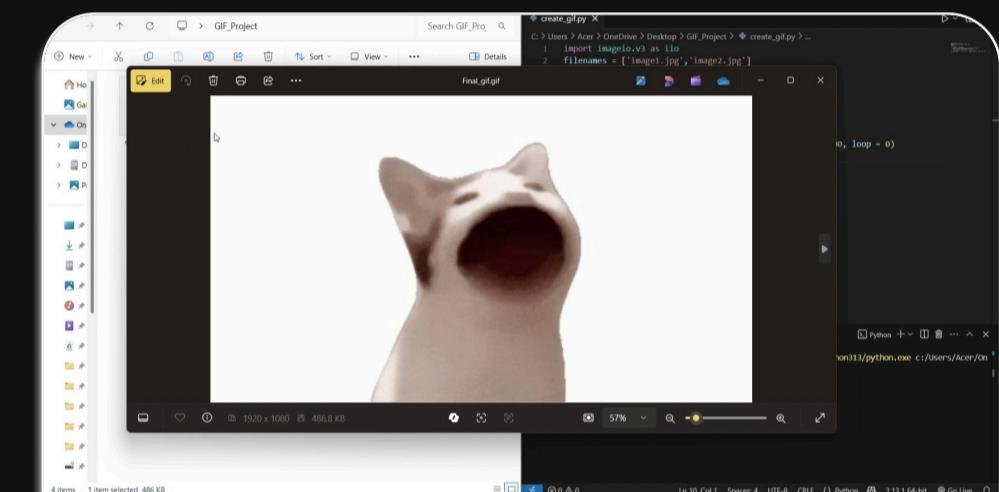
Traffic Data Visualizer

A Python desktop application for date validation, CSV processing, and traffic flow visualization at two junctions.

[Python](#)[Tkinter](#)[GitHub](#)[More Details](#)

AquaProtect

AquaProtect is a website designed and developed to raise awareness about marine conservation, inspired by UN SDG 14.

[HTML](#)[CSS](#)[JavaScript](#)[GitHub](#)[More Details](#)

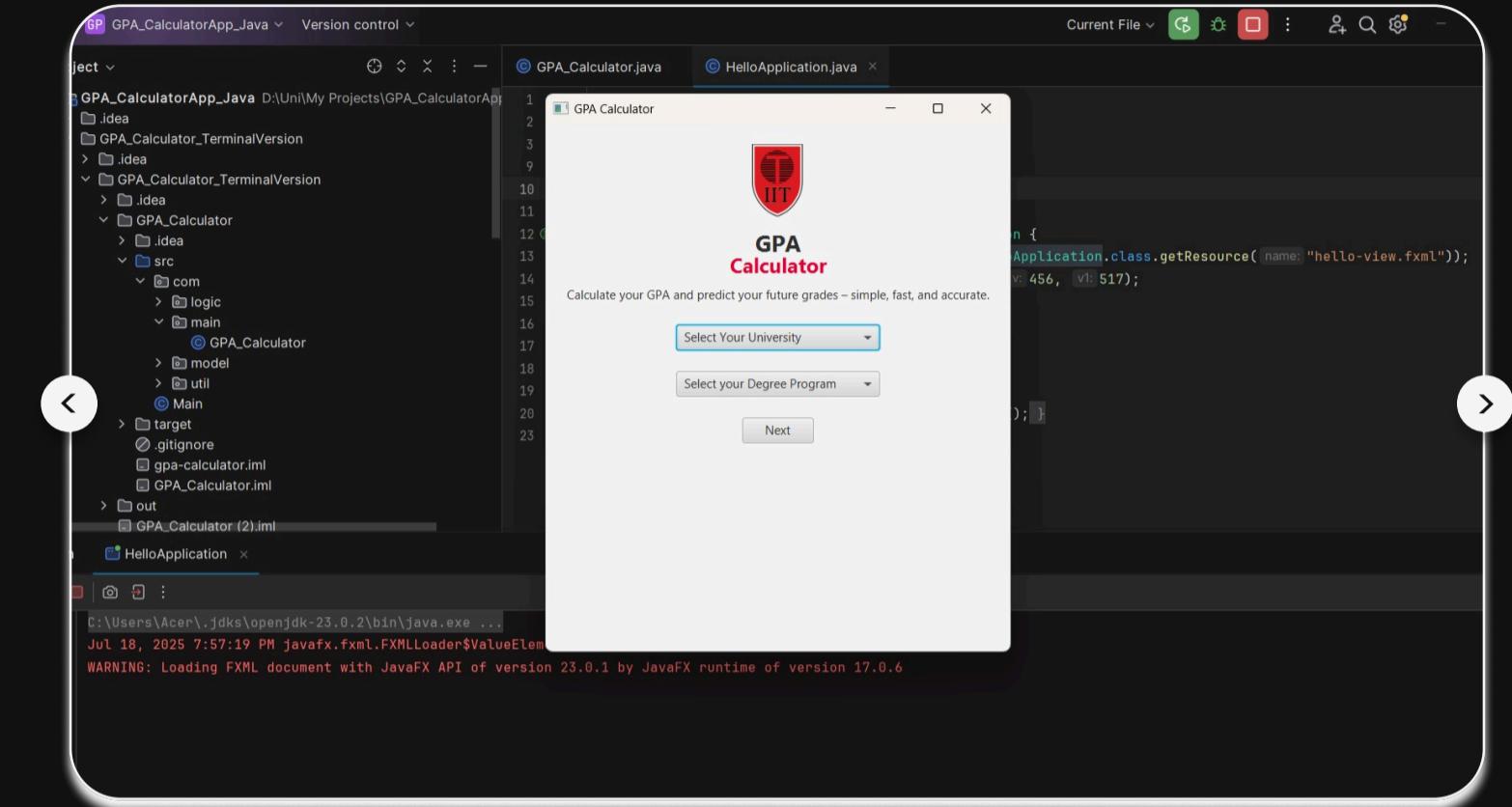
GIF Creator (Python)

A Python-based mini project that creates animated GIFs from a sequence of images using the imageio library.

[Python](#)[GitHub](#)[More Details](#)

GPA Calculator

A GPA calculator tool designed for students at the University of Westminster, helping them predict and calculate GPA using official academic regulations. Built in both console-based Java and GUI-based JavaFX versions, the application is scalable for multiple universities.

[GitHub](#)

Technologies Used

[Java](#)[JavaFX](#)[FXML](#)[Scene Builder](#)

Key Features

- Predict GPA using only 2nd-year marks
- Calculate full GPA with both 2nd- and 4th-year marks
- Input marks as final module grades or individual assignment scores
- Based on official UoW academic regulations and module proformas
- JavaFX GUI version for better usability
- Designed for future scalability and database integration



My Journey & Achievements

[Education](#)[Certifications](#)[My Articles](#)

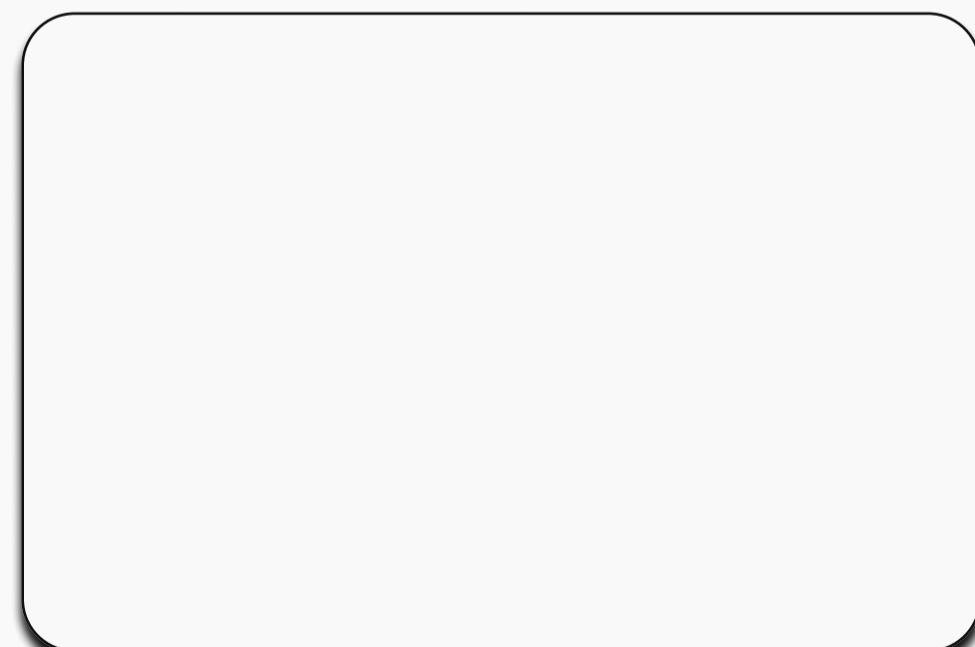
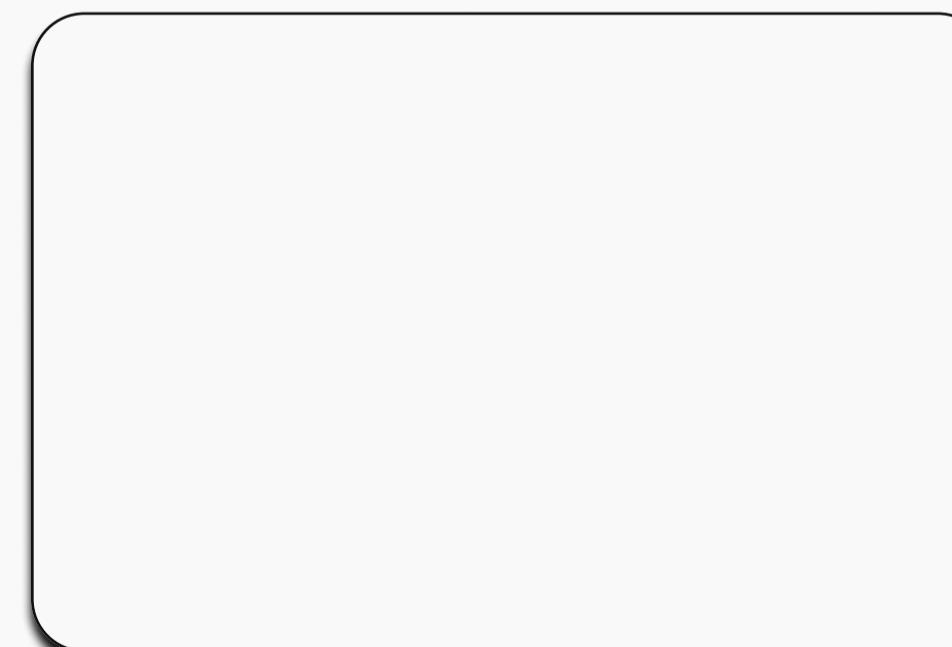
Smarter Shields: AI's Role in Defending Against Zero-Day Threats

StackMedium Article of the Month – June Winner
Published by the IEEE Computer Society Branch Chapter Of IIT

[Read Article](#) [More Details](#)



My Journey & Achievements

[Education](#)[Certifications](#)[My Articles](#)



My Journey & Achievements

[Education](#)[Certifications](#)[My Articles](#)

Undergraduate Degree **BSc (Hons) Computer Science**

Informatics Institute of Technology (IIT), Sri Lanka
Affiliated with University of Westminster, UK
Sep 2024 – Present

GCE Advanced Level (A/L) **Physical Science Stream**

Govt. Science College, Matale, Sri Lanka
2021 – 2022
Results: 3 S Passes

GCE Ordinary Level (O/L)

Govt. Science College, Matale, Sri Lanka
2018
Results: 9 A Passes



My Journey & Achievements

[Education](#)[Certifications](#)[My Articles](#)

Undergraduate Degree BSc (Hons) Computer Science

Informatics Institute of Technology (IIT), Sri Lanka
Affiliated with University of Westminster, UK
Sep 2024 – Present

GCE Advanced Level (A/L) Physical Science Stream

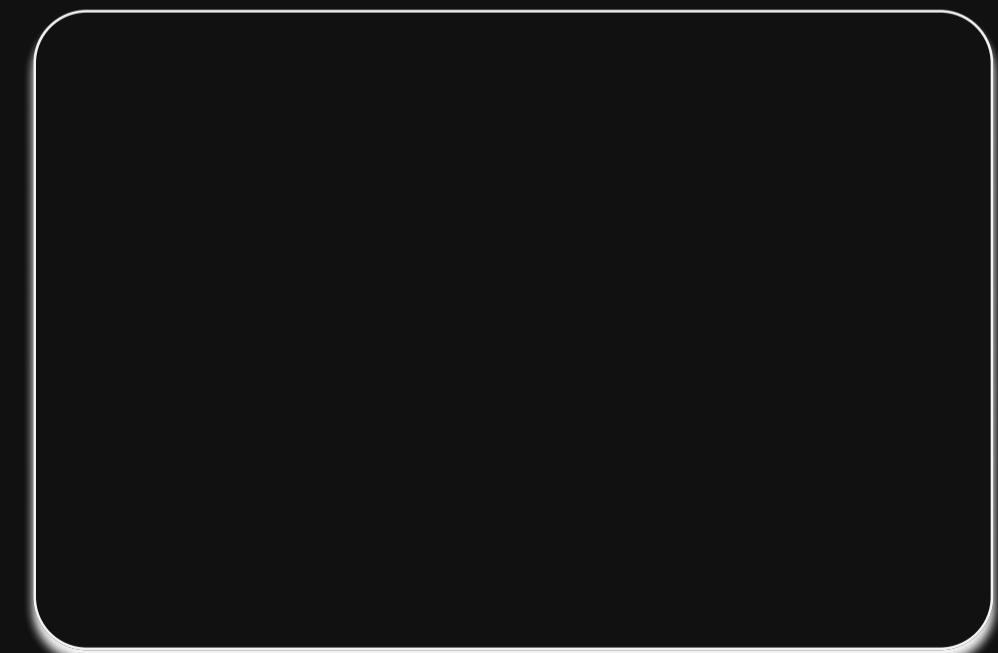
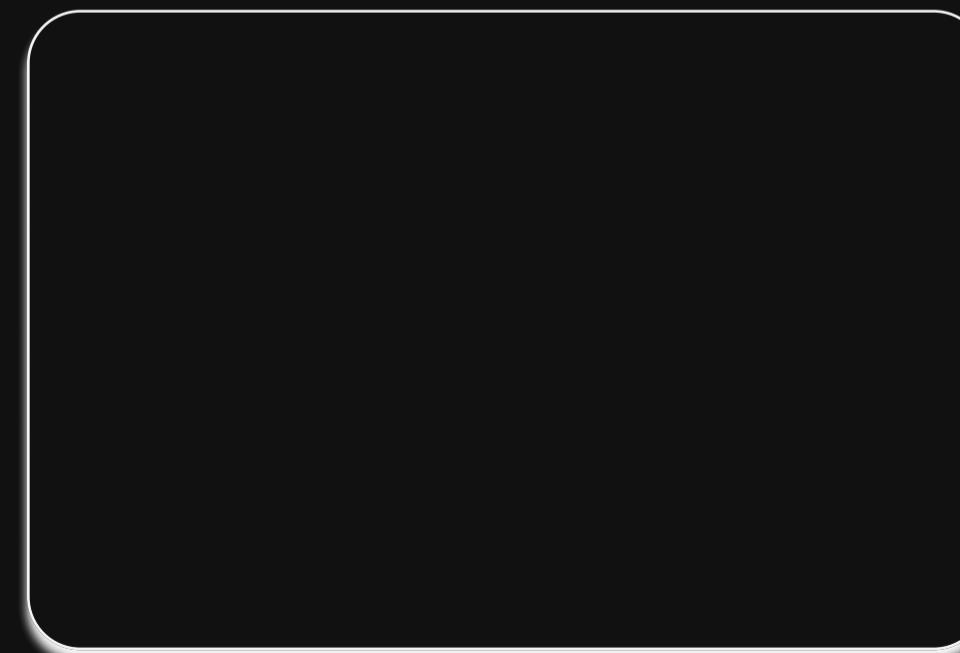
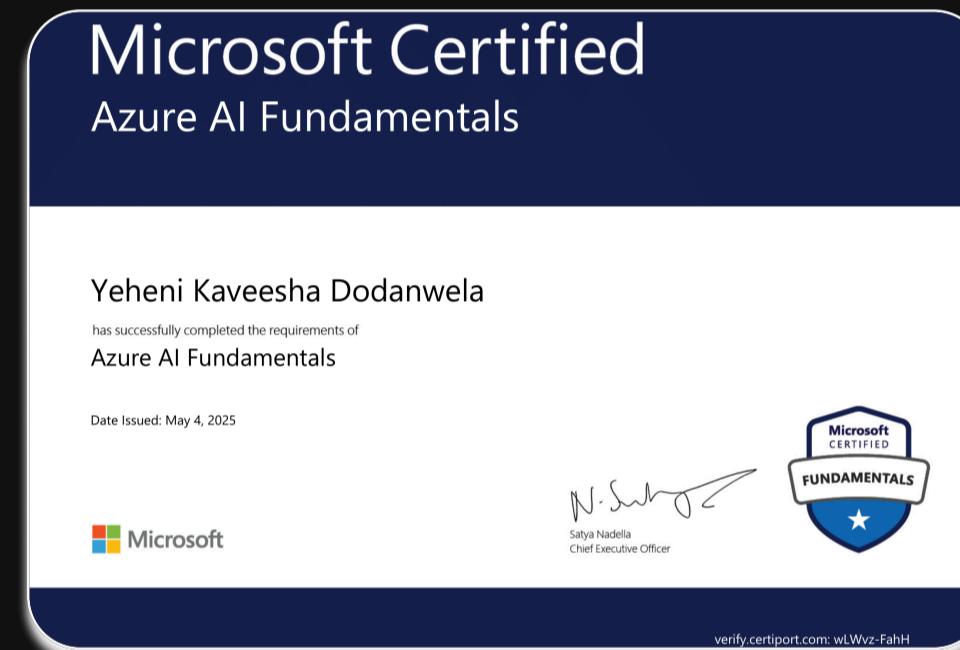
Govt. Science College, Matale, Sri Lanka
2021 – 2022
Results: 3 S Passes

GCE Ordinary Level (O/L)

Govt. Science College, Matale, Sri Lanka
2018
Results: 9 A Passes



My Journey & Achievements

[Education](#)[Certifications](#)[My Articles](#)

My Journey & Achievements

[Education](#)[Certifications](#)[My Articles](#)

Smarter Shields: AI's Role in Defending Against Zero-Day Threats

StackMedium Article of the Month – June Winner
Published by the IEEE Computer Society Branch Chapter Of IIT

[Read Article](#)[More Details](#)



Get In Touch



[yehenidodanwela](#)



Yeheni Dodanwela



yehenidodanwela05@gmail.com

Contact Me

Drop a Message

Name

Email

Subject

Message

[Send Message](#)

Contact Me

Get In Touch



[yehenidodanwela](#)



Yeheni Dodanwela



yehenidodanwela05@gmail.com

Drop a Message

Name

Email

Subject

Message

[Send Message](#)



