

# Tharupahan Jayawardana

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## SUMMARY

Computer Science and Engineering undergraduate with an interest in software development and finance.

## EDUCATION

### Bachelor of Science in Computer Science and Engineering

University of Moratuwa • (2024 - 2028)

- Earned placement on the Dean's list in Semester 1 (GPA: 3.81)
- Awarded Mahapola Scholarship for undergraduate studies by the Government of Sri Lanka.

### Association of Certified Chartered Accountants - Affiliate

ACCA (UK) • (2020 - 2023)

- Completed all exams and won prizes for multiple subjects.
- Financial Management (World Rank 12, Country Rank 1)
- Performance Management (World Rank 15, Country Rank 1)
- Advanced Performance Management (World Rank 22, Country Rank 1)
- Audit and Assurance (World Rank 21, Country Rank 1)

### GCE Advanced Levels (Physical Science Stream)

Royal College - Colombo • 2023

- Z score: 2.5053
- Island rank: 218

## PROJECTS

### Elderly

April 2025 - Present

- Elderly is a comprehensive platform connecting seniors and families with verified caregivers and nurses.
- Developed the frontend using React.js and Bootstrap.
- Implemented UI components including booking form, caregiver/elder dashboards, and settings pages.

### RSI Monitor

[tharu-jwd.github.io/sri-lanka-rsi-monitor/](https://tharu-jwd.github.io/sri-lanka-rsi-monitor/) • July 2025 - August 2025

- RSI Monitor helps investors to quickly identify overbought and oversold stocks on the Colombo Stock Exchange.
- Developed the web application using HTML, CSS, and JavaScript.
- Implemented automated updates to display daily RSI values.
- Deployed on GitHub Pages.

### Nano-Processor Design

[github.com/tharu-jwd/nano-processor](https://github.com/tharu-jwd/nano-processor) • April 2025 - June 2025

- Collaborated in a team to design a 4-bit nano-processor using VHDL and the BASYS 3 FPGA platform.
- Contributed to the development of core components including the ALU, instruction decoder, register bank, and control logic.
- Worked with the team on writing assembly instructions to convert machine code for ROM programming.

## CERTIFICATIONS

### Introduction to Computer Vision and Image Processing

IBM • 2025

- Gained hands-on experience with Python, OpenCV, and Pillow for image processing and analysis.
- Built and deployed a basic computer vision web app, demonstrating the ability to work with real-world visual data.
- Developed practical understanding of image classification, object detection, and cloud deployment.

### Foundations Of Project Management

Google • 2025

- Gained comprehensive understanding of project management principles, terminology, and core responsibilities across various industries.
- Learned project lifecycle management and methodology comparison, including skills to determine most effective approaches for different project types.
- Developed knowledge of change management processes applicable to entry-level project management roles.

### Foundations Of Cyber Security

Google • 2025

- Gained comprehensive understanding of cybersecurity profession and entry-level analyst core responsibilities.
- Studied CISSP eight security domains and CIA triad principles, developing knowledge of security frameworks and risk management.
- Analyzed real-world security incidents and their business impact, while gaining familiarity with professional ethics standards.

**Strategic Professional**

ACCA • 2024

- Developed expertise in financial management, reporting, taxation, and strategic decision making.
- Built analytical and ethical judgment essential for corporate finance and business.
- Enhanced the ability to interpret and apply International Financial Reporting Standards (IFRS).

**Web Designing For Beginners**

University of Moratuwa • 2024

- Developed foundational web development skills through structured coursework.
- Gained experience in HTML, CSS, and JavaScript fundamentals.

**Python Programming**

University of Moratuwa • 2024

- Learned programming fundamentals through Python language.
- Acquired data extraction and automation skills, including web scraping capabilities.

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**SKILLS**

Technical Skills

1. Programming Languages: Python, C++, Javascript
2. Frameworks: React, Bootstrap
3. Tools: Git

Languages

1. English (Professional Working Proficiency)
  2. Sinhala (Native Proficiency)
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