

THARINDU BANDARA

UNDERGRADUATE STUDENT

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📍 Kurunegala

SUMMARY

I am an undergraduate pursuing a BSc in Computer Science with Artificial Intelligence from Coventry University, UK, with a strong interest in AI automation, software development, and robotics. I have hands-on experience in developing real-world projects, including AI-driven applications, web platforms, and embedded systems, with skills in Python, Java, and modern web technologies. I have a solid foundation in machine learning, data processing, and system design, along with strong problem-solving abilities. I am seeking an internship opportunity to apply my skills, contribute to innovative projects, and gain valuable industry experience.

KEY COMPETENCIES

- Programming & Software Development .
- Artificial Intelligence & Machine Learning
- Web Application Development
- Embedded Systems & IoT Development
- Database Management & SQL
- Problem Solving & Analytical Thinking

PROJECTS

Tech Solutions service Website + Portfolio

December 2025- Present

www.yakafinity.com

- Developed a modern AI-focused portfolio and service website showcasing solutions such as AI automation, web development, and digital services
- Designed and implemented responsive UI/UX using HTML, CSS, and JavaScript
- Integrated project showcases and service workflows to demonstrate real-world applications
- Deployed and managed the website using GitHub and Netlify

Car Price Prediction System

January 2026

[AUTOVALUE SL](#)

- Developed a machine learning-based car price prediction system for the Sri Lankan vehicle market using real-world data
- Performed data preprocessing, feature engineering, and model training to generate accurate price predictions
- Tools & Technologies: Python, Pandas, Scikit-learn, Machine Learning

Phishing URL Detection System

January 2026

[PhishGurd AI](#)

- Developed a phishing AI application utilizing a dedicated CSV phishing dataset.
- Performed application development using Python to process the dataset and execute the system's artificial intelligence logic.
- Tools & Technologies: Python, Artificial Intelligence, CSV Data Processing.

Vehicle Tax Calculation System

February 2026

- Developed a vehicle tax calculation system using real VIN numbers for UK-based vehicles to estimate import duties and taxes
- Implemented VIN-based data processing, tax logic, and user input features to generate accurate cost calculations(Real World API connected)
- Tools & Technologies: Python, MySQL, Data Processing, System Design

POS

March 2026

JBSUPER

- Developed a Point of Sale (POS) system for a supermarket to manage billing, sales, and customer transactions efficiently
- Implemented features such as product management, invoice generation, and loyalty points system to enhance user experience
- Tools & Technologies: Python, MySQL, FPDF, Database Design

Currency Note Recognition System

April 2026

- Developed a machine learning-based Sri Lankan currency note recognition system to identify Rs. 20, 50, 100, 500, 1000, and 5000 notes from images.
- Implemented image preprocessing, feature extraction, edge/contour detection, and model training to classify currency note denominations with 92.86% testing accuracy.
- Tools & Technologies: Python, OpenCV, Scikit-learn, Random Forest, NumPy, Matplotlib, Joblib.

EDUCATION

Bsc.Computer Science with AI,Coventry(UK),NIBM

2024 – Present

- Specialisation in AI

Diploma in English,ESOFT

2025

SOFT SKILLS

- | | |
|----------------------|------------------------|
| • Problem Solving | • Communication Skills |
| • Critical Thinking | • Time Management |
| • Team Collaboration | • Adaptability |

CERTIFICATIONS

- AI for Beginners | HP Life |
- Introduction to Cybersecurity Awareness | HP Life |
- IT Essentials | Alison |
- Introduction to Cybersecurity |Cisco|

REFERENCES

Prof. Sanath Amaratunga
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