

# Thamindu Sulakshana

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## EDUCATION

**Sri Lanka Institute of Information Technology (SLIIT)**, School of Engineering and Applied Science  
BSc (Hons) in Information Technology Specialization in Information Technology. Sri Lanka  
May 2020

- Cumulative GPA: 2.4/4.0
- Relevant Coursework: Data Science and Analytics, Data Structures and Algorithms, Probability & Discrete Mathematics

### DeepLearning.AI, Stanford University

Professional Certificates (Specialization)

- Certifications: Generative AI with LLM, TensorFlow Developer Professional Certificate, Deep Learning Specialization, Mathematics for Machine Learning and Data Science, Natural Language Processing, Machine Learning Specialization

## PROFESSIONAL EXPERIENCE

### Bluechip Technologies UK

Data Science and Machine Learning Intern

On-site, ON  
September 2023 - Present

- Developed a deep learning model using Large Language Models (LLMs).
- Explored advanced deep learning architectures on LSTM, RNN, NMT, SVM, GANs, CNN.
- Applied transfer learning techniques with pre-trained deep learning models (VGG16) for a computer vision project.
- Designed and implemented web applications using Flask framework.

### Skill Lab Education & Technologies

Technical Officer & Interactive Specialist

Hybrid, ON  
May 2022 - November 2023

- Technical leads to web development using the MERN Stack (MongoDB, Express.js, React, Node.js), and management.
- Managed group as project leader to deliver UI design and user-friendly interfaces.

## SKILLS

- **Programming Languages:** Python, R, Laravel, Java Golang,
- **Big Data & Machine Learning:** , MongoDB, Python (e.g. scikit-learn, NumPy, pandas, matplotlib)
- **Data Science & Miscellaneous Technologies:** Jupyter Notebooks, PyCharm, Visual Studio Code, Data science pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, Flask, APIs, Excel, Git,

## PROJECTS AND LEADERSHIP

### Individual Projects

- The Akuru GEN - Rule-based machine translation system.
- Custom knowledge chat bot – LangChain (LLM).
- Real-Time Gesture Control and Pose Detection – LSTM.
- Real-Time Object Detection – TensorFlow.
- Sentiment analysis web app – (Decision Tree, Random Forest, Naive Bayes, Logistic Regression).
- Airline delay prediction with Random Forest in Python.
- Online Educational Institute Management System – MERN Stack.

### Robofest(SLIIT)

September 2023

- Programming team lead to the finals of the Micro mouse compilation in the Robofest 2023 organized by SLIIT

### MoraUX (University of Moratuwa)

March 2023

- Led team of 5 students to collaborate to create a UX/UI designed.