# Avishka Piyumal
## Data Science Intern

**Email:** avishkapiyumal16@gmail.com

**Contact:** +94 764 117 235

**LinkedIn:** www.linkedin.com/in/avishka-piyumal-56aa52288

**GitHub:** https://github.com/CodeMaestro016

## PROFILE

I am a Data Science undergraduate with a strong foundation in programming, data analysis, and problem-solving. My current focus is on machine learning and artificial intelligence, where I am exploring innovative approaches to data-driven challenges. I am eager to collaborate on projects and continue growing my expertise in the ever-evolving field of AI and Data Science.

## EDUCATION

**Sri Lanka Institute of Information Technology**                                    *January 2023 - Present*

BSc (Hons) in Information Technology Specializing in Data Science (UG)

Relevant Course Work: Machine Learning, Deep Learning, Object-Oriented Programming, SQL, Data Structures and Algorithms.

**ESOFT Metro Campus**                                    2018

Diploma In IT & English

**Dehiattakandiya National School**                                    *2019-2021*

G.C.E Advanced Level | Bio Science

## PROJECTS

**Object Detection Project**
- Implemented an object detection model using OpenCV and YOLO to identify multiple object classes.
- Trained the model on the COCO dataset and fine-tuned it for improved detection accuracy.

**Laptop Price Predictor (Regression-based ML)**
- Developed a regression-based ML model to predict laptop prices using technical specifications.
- Utilized Python libraries such as Pandas, NumPy, Scikit-learn, and Matplotlib/Seaborn.

**Vehicle Price Predictor (Regression-based ML)**
- Predict car prices based on mileage, engine, transmission type, and other details.
- Optimized model performance using feature selection techniques and hyperparameter tuning.

**Sentiment Analysis Project (Classification-based ML)**
- Designed a classification model for sentiment analysis using NLP techniques and machine learning.
- This project leverages machine learning to classify text sentiment as positive or negative.

**Online Selling Management System (MERN)**
- It includes user registration, browsing products, adding items to the cart, placing orders, making payments, and submitting reviews or complaints.

**Online Tour Guide System (Java | MySQL)**
- A Java-based online platform integrated with MySQL to assist tourists in exploring destinations.

**Online Apartment Sales System (HTML| JavaScript | PHP | CSS | MySQL)**
- It includes features like browsing apartments, filtering based on preferences, contacting sellers, and managing bookings, ensuring a smooth user experience.

## SKILLS

| | | |
|---|---|---|
| • **HTML / CSS** | • **Java** | • **Java Script** |
| • **Power BI** | • **R Language** | • **C++** |
| • **Python** | • **SQL** | • **Kotlin** |

**Tech Stack  -**   TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib, Git.
**Soft Skills -**   Problem-solving, Team Collaboration, Time Management.

## CERTIFICATIONS

- SLIIT AI/ML Engineer - Stage 1 and 2
- AWS Cloud Practitioner Essentials course
- Hacker Rank SQL course (Basic/Advance)
- Cisco Academy Introduction to Data Science course
- Python Course University of Moratuwa

## REFERENCE

| | |
|---|---|
| Ms. Shalini Rupasinghe | Ms. Uthpala Samarakoon |
| Assistant Lecturer | Senior Lecturer |
| First Year Division | Faculty of Computing |
| Faculty of Computing | Department of Information Technology |
| Sri Lanka Institute of Information Technology | Sri Lanka Institute of Information Technology |
| Malabe | Malabe |
| shalini.r@sliit.lk | uthpala.s@sliit.lk |