



KALHARA BATANGALA

Machine Learning Engineer

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Marawaththa, Pindeniya, Atale

Kalhara Batangala

KalharaBatangala

Kalhara Batangala/Profile

@KalharaBat27340

TECH STACK

pytorch

tensorflow

numpy

matplotlib

Matlab

keras

Colab

Amazon SageMaker

CNN

Transformer

ONNX

Grad-CAM

Opencv

CORE SKILLS

- Problem Solving
- Time Management
- Teamwork
- Adaptability
- Attention to details

LANGUAGES

Sinhala: Native

English: Fluent

INTERESTS

- Web Development
- AR Development

REFERENCES

Dr. Udaya Wijenayake
Head of the Department,
Department of Computer Engineering,
University of Sri Jayewardenepura
udayaw@sjp.ac.lk

ABOUT ME

Computer Engineering graduate with a passion for AI and Machine Learning, particularly in the domain of medical imaging. Strong foundation in OOP, data structures, and mathematical modeling.

EDUCATION

BSc. Eng(Hons)-Computer Engineering (Second Class Upper Division) |
University of Sri Jayewardenepura

03 2021 - 07 2025

Sri Jayewardenepura

- GPA: 3.31/4.00

GCE Advanced Level & GCE Ordinary Level | Kegalu Vidyalaya

2005 - 2019

Kegalle

EXPERIENCE

Intern DevOps and System (6 Months) | Sri Lanka Telecom PLC

June 2024 - Dec 2024

Colombo

During my 6-month internship at SLT, I worked with the DevOps team to deploy and maintain enterprise-grade systems by creating CI/CD pipelines. I was involved in hosting full-stack web applications on the Microsoft Azure cloud platform.

PROJECTS

Sentiment Analysis with BERT | |

August 2025

Implementing a transformer-based model (BERT) to classify sentiment in IMDb reviews, focusing on data preprocessing, tokenization, and fine-tuning for high accuracy in real-world text classification.

NeuroSight - Brain tumor classification using Deep Learning | |

Mar 2025 - Oct 2023

VGG16-based deep learning model for brain tumor classification using 2D MRI scans, designed for accurate and efficient diagnosis.

Dog Classification Model | |

Mar 2025

Built a TensorFlow model using VGG16 to classify dog breeds from images, applying transfer learning and data augmentation to achieve high accuracy with reduced training time.

Eng Pamuda Balasooriya

Engineer

Digital Help Desk

Sri Lanka Telecom PLC

pamuda@slt.com.lk

Ms Akarshani Amarasinghe

Lecturer

BSc. (Hons) Colombo

M.Phil(Reading-Colombo)

Department of Computer En-

gineering

University of Sri Jayewar-

denepura

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Image Classification model | |

 Mar 2025

Designed and trained a convolutional neural network (CNN) from scratch using Tensor-Flow to classify images of flowers into multiple categories

Face Detection Application | |

 Mar 2025

Developed a web-based application that allows users to upload images, perform face detection using OpenCV and Haar cascades, and download the processed images with detected faces highlighted.

CERTIFICATIONS



Machine Learning

Deeplearning.ai (May 2024)



Introduction to Deep Learning for computer vision

Deeplearning.ai (2024)



Neural Networks and Deep Learning

Deeplearning.ai (2024)



Deep Learning for Object Detection

Deeplearning.ai (2024)



Convolutional Neural Networks

Deeplearning.ai (2024)