Contact

www.linkedin.com/in/
machinelearningzuu (LinkedIn)
github.com/machinelearningzuu
(Other)

Top Skills

Deep Learning

PyTorch

Large Language Models

Certifications

GenAI for Data Analysis : OpenAI
Assistant API

Basic Sentiment Analysis with
TensorFlow

TensorFlow: Data and Deployment
Specialization

Neural Networks and Deep Learning

Image Compression with K-Means
Clustering

Honors-Awards

Panel Discussion Moderator -
INTELLICON 2022

Post Conference Workshop - ICIIT
2023

Public Keynote - AICPA & CIMA

Publications

Solving the Multi-Armed Bandit
Problem from Scratch in Python:Step
up into Artificial Intelligence and
Reinforcement Learning

Unsupervised Machine Learning with
Gaussian Mixture Models

Device-free Pedestrian Count
Estimation Using Wi-Fi Channel
State Information

Isuru Alagiyawanna

3x Top Voice | 1x Oracle Certified | Lecturer @SLIIT | Senior Data
Scientist @Axiata Digital Labs | NLP, NLU, LLM, GraphML, GenAI
Gampaha District, Western Province, Sri Lanka

Summary

As a Senior Data Scientist at Axiata Digital Labs, I apply my
expertise in NLP, LLM, and GraphML to develop innovative solutions
for various domains, such as telecommunications, e-commerce, and
education. I work with a team of talented engineers and researchers
to create and deploy scalable and robust AI models that deliver value
and impact to our clients and partners.

I am also passionate about sharing my knowledge and skills with the
next generation of AI professionals. I am a co-founder of Edrogen,
a platform that provides online courses and mentorship in AI and
data science. I am also a lecturer at SLIIT and NIBM, where I teach
machine learning and deep learning courses. Additionally, I am
an event ambassador and an alpha tester for DeepLearning.AI, a
leading online learning platform in AI. I hold multiple certifications
and publications in AI and related fields.

Experience

Axiata Digital Labs
3 years 1 month

Senior Data Scientist Specialized in NLP | LLM | GraphML
April 2023 - Present (1 year 3 months)
Colombo, Western Province, Sri Lanka

Build Scalable Solutions in Machine Learning for Millions of Customers

Data Scientist - Specialized in NLP
January 2023 - Present (1 year 6 months)
Colombo, Western Province, Sri Lanka

Big Data Engineer
June 2021 - January 2023 (1 year 8 months)
Sri Lanka

Build, Train & Automated Machine Learning Models for Telco Products

Hands-on Experience with PySpark, On-Prem Services

SLIIT
Assistant Lecturer - Machine Learning
February 2023 - Present (1 year 5 months)
Malabe, Western Province, Sri Lanka

National Institute of Business Management (NIBM - Sri Lanka)
Visiting Lecturer
January 2023 - Present (1 year 6 months)
Sri Lanka

DeepLearning.AI
2 years 11 months

PI & AI Event Ambassador
November 2021 - Present (2 years 8 months)

Deep Learning & Tensorflow Alpha Tester
August 2021 - Present (2 years 11 months)

TensorFlow User Group (TFUG)
Deep Learning Open Source Contributor
September 2020 - Present (3 years 10 months)

Fcode Labs
Machine Learning Consultant
January 2022 - May 2022 (5 months)
Sri Lanka

LiveRoom
Machine learning & Deep learning for Computer Vision Intern
July 2019 - December 2019 (6 months)
Nugegoda

Developing Object detection algorithms based on MaskRCNN & Amazon web servers

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Education

Robert Gordon University

MSc, Big Data Analytics · (March 2024)

University of Moratuwa
Bsc Engineering, Electronic and Telecommunication
Engineering · (2016 - 2021)

Udacity
AWS Machine Learning Engineer Nanodegree , Machine
Learning · (2021 - 2022)

Udacity
Intel Edge AI for IOT developers Nanodegree, Artificial
Intelligence · (2019 - 2021)

Bandaranayake College - Gampaha
Physical Sciences · (2007 - 2015)