

AMANDI GUNARATHNE

AI/ML Associate | Dean's List Achiever

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[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

SUMMARY

As an undergraduate pursuing a BSc (Hons) in Artificial Intelligence at the University of Moratuwa, I have developed a solid foundation and hands-on experience in developing impactful projects with IT, AI and ML technologies. I am particularly passionate about Generative AI and have actively worked on projects involving LLMs, RAG, and predictive modelling. With solid technical skills, I thrive in dynamic environments and am eager to apply my skills to drive innovation and contribute meaningfully to the AI/ML industry.

WORK EXPERIENCE

Artificial Intelligence and Business Intelligence Intern

April 2025 - Present

Epic Lanka (Pvt) Ltd

- Collaborated with the AI team on multiple projects, including the development of voice-based chatbots.
- Implemented multiple language support for chatbots from scratch, handling both backend logic and integration.
- Built a fully functioning web scraper to enrich the chatbot knowledge bases with domain-specific content.
- Applied noise and echo cancellation techniques to improve audio quality in voice interfaces.

PROJECTS

AI/ML based Commit Support System – In Collaboration with 99x

[View](#)

Build an AI/ML-powered system that uses fine-tuning, dynamic RAG, explainable AI and next-word prediction to generate commit messages aligned with company standards by analyzing code changes, improving traceability and team collaboration.

Multi-Stage User Churn Prediction System – AI/ML Solution for SaaS Models

[View](#)

Built a churn prediction model using XGBoost, Random Forest, and LSTMs to identify users likely to leave at different stages, helping businesses take timely retention actions.

Smart Sort AI 1.0 – AI/ML Hardware Solution for Automated Waste Sorting

[View](#)

Manual sorting of waste is labor-intensive and not efficient. This project is an improved version of a sorting bin that automates the sorting process using AI and Machine Learning techniques by reducing the burden on sanitization workers.

C & S Auto Care – Online Vehicle Service Management System

[View](#)

Developed an online system using MERN stack for C&S Auto Care (PVT) LTD, enhancing business efficiency by integrating physical services with online capabilities, allowing customers to make reservations and purchase spare parts seamlessly.

EDUCATION

BSc (Hons) in Artificial Intelligence

2023 – 2027

University of Moratuwa, Sri Lanka

Higher National Diploma in Information Technology

2022 – 2024

Sri Lanka Institute of Information Technology (SLIIT), Sri Lanka

General Certificate of Advanced Level Examination

2021

Holy Cross College, Gampaha

Certificate Course in Graphic Designing

2019

National Institute of Business Management (NIBM), Sri Lanka

General Certificate in Ordinary Level Examination

2018

Wycherley International School

CERTIFICATES

AI/ML Engineer - Offered by SLIIT

[View Certification](#)

How Transformer LLMs Work – Offered by DeepLearning.AI

[View Certification](#)

Pretraining Large Language Models – Offered by DeepLearning.AI

[View Certification](#)

Introduction to AI and Vector Search – Offered by MongoDB

[View Certification](#)

SKILLS

Technical Skills: Model training, fine tuning and evaluation, Prediction Models (XGBoost, LSTMs, Random Forest), Clustering, LLMs, Knowledge Graphs, RAG, Audio Processing, Vector Databases, Transformers, Langchain, Web scraping, MERN stack, FARM Stack, Python, C/C++, Java, JavaScript

Soft Skills: English Proficiency | Team Player | Decision Making | Handling Pressure | Quick Learner

REFERENCES - Available Upon Request