MINETH SANDEW

Artificial Intelligence and Data Science Undergraduate

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ABOUT ME

Hardworking and dedicated AI and Data Science student with a strong passion for leveraging machine learning and data analysis to solve complex problems. Continuously striving for self-improvement and innovation, with a keen focus on developing practical, data-driven solutions that drive real-world impact. Eager to apply analytical skills and technical expertise to contribute meaningfully in the field of AI.

EDUCATION

BSc. (Hons) Artificial Intelligence and Data Science (reading)   *2023 - present*
- Informatics Institute of Technology(IIT) Affiliated with Robert Gordon University, Scotland , UK.

G.C.E. Advanced Level   *2022*
- Dharmapala Vidyalaya Pannipitiya

G.C.E. Ordinary Level   *2019*
- Dharmapala Vidyalaya Pannipitiya

PROJECTS

Customer Review Categorizer   *2025*
- Finetuned Large Language Model for detect customer reviews and categorize them into groups.
- Technologies - Python, Machine Learning, NLP, BERT.

SafeMind - Dementia Prediction and Patient Tracking System (Group)   *2024 - 2025*
- An AI based dementia prediction system with comprehensive features to predict the risk of dementia and give customized support to patients and caregivers.
- Technologies - Machine Learning, Deep Learning, Python, NLP, React, MongoDB.

Weather Data Pipeline   *2025*
- ETL pipeline for extract weather data from an API, Transform the data and Load it into the Amazon S3.
- Technologies - Python, AWS, Airflow.

Calmly - The emotional supporting chatbot   *2025*
- Chatbot application focusing on prevent the user loneliness and motivate the user in difficult mental situations.
- Technologies - Machine learning, NLP, Python, Rasa, React + Vite, Flask, MongoDB.

Client Predicting System   *2024*
- Two Prediction models (Random Forest and Neural Network) to check whether the client will subscribe a term deposit in the bank.
- Technologies - Machine learning, Python.

NEWSFLOW - News Recommendation System *2024*

- AI based News recommendation system using OOP concepts and ML technics.
- Technologies - Java, JavaFX, Machine Learning, MongoDB.

Database Management System for BookHeven online bookstore *2023*

- Create a Database Management System for online bookstore.
- Technologies - SQL.

Rapid Run - Horse Race Management System *2023*

- An application which manage a horse race event with real world scenarios.
- Technologies - Java, JavaFX (GUI) / Python (CLI)

SKILLS

SOFT SKILLS

- Project Management
- Public Relations
- Time Management
- Presentation Skills
- Teamwork
- Leadership
- Effective Communication
- Critical Thinking
- Logistics
- Problem Solving
- Adaptability

TECHNICAL SKILLS

- Programming - Python, Java, R
- Web Development - HTML, CSS, Javascript, React
- Database Management - MySQL, MongoDB
- Data Engineering - AWS
- Version Controlling - Git
- API Handling - Postman
- Prompt Engineering

CERTIFICATIONS

- Postman API Fundamentals Student Expert Certificate — 2025
- GenAI 101 with Pieces Certificate — 2025
- IEEE Extreme 18 Participation Certificate — 2024

EXTRA CURRICULAR ACTIVITIES

Clubs and Societies

- IEEE Computational Intelligence Society (Logistics Lead) — 2025 - present
- IEEE Robotics and Automation Society (Member) — 2024 - present
- IEEE Computer Society (Member) — 2024 - present
- Rotaract Club of IIT (Member) — 2024 - present
- Mozilla Club of IIT (Member) — 2024 - present
- Science Society DVP (Secretary) — 2022

Competitions

- Hult Prize Competition Participation — 2025
- IEEE extreme 18 — 2024

Sports

- School Athletics team — 2013 - 2022
- School Chess junior team — 2013 - 2015

REFERENCE

Ms. Kalhari Walawage

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