

LEUL ASSAMINEW

ML/AI ENGINEER

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[Email](#) | [Linkedin](#) | [Github](#)

EDUCATION

BSC in Electrical and Computer Engineering

Addis Ababa Science and
Technology University | [AASTU](#)

Oct 2014 - June 2019

- Software Engineering
- Neural networks and Fuzzy logic
- Data Structure and Algorithm
- Object Oriented Programming
- Full-stack Software Development

Mckinsey Forward Program

[Mckinsey Company](#).

Nov 2022 - Jun 2023

- Adaptability and resilience in any work environment
- Building the right mindset
- Problem-solving skills
- Communicating for impact

Consultation And Leadership

[Share Program](#)

Dec 2021 - Sep 2023 (Expected)

- Teamleader of Share AASTU 2021 program
- Did research on the local technology growth and drawbacks
- Consulted local production firms on how to manage there work places and make there workplace very productive.

TECH STACK

R: Python| TensorFlow: keras, Scikit,Numpy,Pandas,NLTK,| Java
Machine Learning,Matplotlib,Seaborn,Nlp,Pytorch, Deep Learning
AWS,Pyspark,Airflow

ChatBot Development : BotPress, DiagFlow ,Rasa| Stack AI,Zapier
Airtable

Database Management : PostgreSQL, MySQL, MongoDB,
Firebase

AWARDS

Coca Cola beverage Africa best internship project 2019
Certificate

Top grade scorer from the Natinal exam of Ethiopia

PROFILE SUMMARY

I am a highly motivated and experienced ai/ml engineer with a passion for creating innovative and user-friendly real world ml products and ai chatbots. I am proficient in a variety of ml technologies, including Nlp, Tensor Flow, Keras, Nltk. I have a proven track record of success in delivering high-quality Chat Bots on time and within budget by using Botpress, diagflow, Rasa ,Stack.ai and IBM assistant and I am also experienced on zapier,airtable. I am also a highly effective communicator and team player. I am confident that I can make a significant contribution to your company.

CERTIFICATION

Using Python for research

HarvardX

June 2022

Using different python libraries for data analysis.

[Certificate](#)

Python for Data Science

IBM

July 2022

Learn to Program and Analyze Data with Python. Develop programs to gather, clean, analyze, and visualize data. [Certificate](#)

Deep learning.AI tensor flow developer specialization

Tensorflow specialization that includes four courses. [Certificate](#)

LANGUAGES

Amharic - Native

English - Fluent

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EXPERIENCE

Machine Learning Engineer

Coca Cola Beverages Africa |

March 2020 - Present

- Developed machine learning models for sales prediction, machine breakdown prediction from the ground up, finished them and kept them updated.
- Developed ai chatbots to interact with distributors and employees to collect relevant data.
- Worked on several NLP projects.

Data Scientist

Tikus Delivery

May 2022 - Present

- Data cleaning and analysis
- Worked on developing predictive models using different mechanisms.

Machine Learning engineer

omndena | [Link](#)

Sep 2022 - present

- Built real world ml products to solve real world problems by teaming up with professionals around the world.
- Developed and deployed a fully working coffee plant disease classification flutter application easily accessible to farmers.
- led a group of ai revolutionaries from start to finish on multiple problem solving projects.

Lab Assistant and Machine Learning Teacher

4k-Labs | [Link](#)

Aug 2019 - June 2020

- Managed to prepare a machine learning tutorial for beginners and did multiple ml/ai-based projects.
- I taught high school students the basics of machine learning and ai.
- Efficiently led multiple projects to success.

Intern data analyst

East African Bottling share Company

Apr 2019- July 2019

- Data cleaning, analysing and visualization.
- Building data pipeline that suit the needs of each department.

PROJECTS

Stock price prediction using LSTM's

April 2023

I organized and led a technical group to implement different technologies to create a paperless environment and to transform data collection and data visualization by using mobile and web based apps. [Project](#)

Softdrink Sales prediction using XGBoost regressor(deployed as a flutter App)

May 2023

I built a sales prediction application app that helps businesses track sales performance and manage their sales team. It allows sales agents to to prioritize routes for distribution of products and managers to track sales data and performance. [Project](#)

AI Sales staff trainer using llama 2

March 2022

I currently I am finishing a project that used llm to train sales staff

- finetuning llama2 for specific use case
- finetuning llama2 for text classification
- chatbot that interacts with users and identifies sales techniques used . [Project](#)

Mereb Mobile App

Nov 2022

In the yearly contest sponsored by mahebere kidusan, I developed an android application that uses machine learning for holy music recommendation based on your previous choices and was awarded as the best issue solver application.

AI chatbot for data collection

Aug 2022

I have developed an ai based chatbot for East African bottling company of Coca-Cola which is used to collect data from the employees and passes through a pipeline that cleans and analyzes it and stores it on to the companies database.

Anti-Poaching Device

May 2022

I built a device that will be helpful in fighting poachers of endangered animals like Elephant. The device we built uses machine learning and Embedded devices to collect data from the elephant. This device have a mobile application that will be Realtime showing the data of the elephants. [Project](#)

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