Edward Tsatsu Akorlie

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Summary

Hello, I am Akorlie Edward Tsatsu, a data scientist and software engineer with two years of international and local work experience in python and java. I understand Agile workflow and utilize it in my development stages. I am a self-learner and a result individual. I am actively looking to work with an organization where my skills would be utilized and gain more experience and other skills in achieving organizational goals.

Framework and Library ---- Angular, Vue.js, Spring Boot, Flask, TensorFlow, Kedro, Numpy, scikit-learn, Kafka, Pandas, and Grafana.

Backend Languages and Database ---- Java, Python, Postgres, and MySQL.

CI / CD and Testing Framework ---- Github Actions, AWS, Heroku, Zeet, Junit, pytest, unittest, and Mockito.

Version Control Tools ---- Git

Experience

Software Engineer
turntabl

- I Built a real-time Trading System with Redis, Postgres, Spring Boot & Angular: The trading engine was used to trade among staff at the company.

- I Worked on a sentiment analysis project using Java and python. I Built two microservices with Python(Flask) and java (SpringBoot) to consume the model built using TensorFlow and Keras for prediction. In this project, I used the Kedro framework to design and maintain our machine learning pipeline and presented the nodes to the endpoint built with flask and python. The sentiment analysis is a project used to predict clients' text and categorize it as either positive, negative, or neutral.

- I am currently working on the intranet in the box project which uses a DNS Intranet Lookup as a redirection tool for our intranet (Turntabl). By adding an alias and corresponding URL, you will be able to browse your network much faster through dedicated shortcuts!. This project uses AWS Service, AWS lambda, DSNIL, AWS EC2 Instance, and NGINx where the redirection occurs.

Frontend Engineer
Insurerity Digital

- I managed the insurerity dashboard written in Angular and typescript. I worked on additional features and debug errors I came to meet. The Insurerity dashboard is a dashboard for most insurance companies in Ghana to keep and update their client insurance.

Software Engineer Intern
Executive Anchor

- I built a website for Executive Anchor and maintained a codebase written in PHP. I completed the internship by designing a registration page for HR users to register new employees

Software Engineer Intern
BACE Group

- Worked with BACE API and flask framework by maintaining codebase in python and Flask.

- Worked on the backend using python and flask. I maintained the codebase of the BACE API and added features.

- I developed a clock in / clock out system for employees at the company using facial recognition.

Data Science Intern
Npontu Technologies Limited

-I built a machine learning model to help financial institutions when giving out loans. I also perform sentiment analysis on customers' data.

- I built an AI chatbot using a dataset from Kaggle to assist new users when they visit a website for the first time.

Data Collection Intern
Ashaiman Municipal Assembly (ASHMA)

-I was part of the data collection team that used the REVman mobile application to receive payment of tax and revenue from the market women at Ashaiman market.

Education

Ghana communication Technology University
Bachelor's degree, BSc. Telecommunication Engineering
2017 - 2021
- First Class Honours / Grade A
- Student Leader (SRC PRO)
- Engineering Student Association (Python Instructor)
- All Christian Fellowship

Ghana Secondary Technical School (GSTS)
Wassce, Chemistry, physics, Elective mathematics, Technical drawing
2014 - 2017
- Student Leader (Prep Prefect)
- Scripture Union (Prayer Secretary)

Saviour Basic School
BECE
2011 - 2014

- Student Leader (School Prefect)

Hawe Technologies
certificate, CCTV installation
2018 - 2019
- Team Leader

Licenses & Certifications

Data Science & Analytics Intro - IBM

Regression - IBM

HTML & CSS - IBM

Agile Intro - IBM

Huawei certification on routing and switching - Huawei
Issued May 2021 - Expires May 2024

Kaggle machine learning - Kaggle

Machine Learning - Linear Regression" - LEAPS by Analyttica

Skills

Communication • Teamwork • Leadership

Honors & Awards

SRC PRO - Ghana Communication Technology University
Sep 2021

First Class Honour - Ghana Communication Technology University
Oct 2021