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# Temiloluwa Awoyele

## Software Engineer (Data)

[awoyeletemiloluwa@gmail.com](mailto:awoyeletemiloluwa@gmail.com) | +(234)9153876043 | [GitHub](#) | [Medium](#) | [LinkedIn](#) | Lagos, Nigeria. | [Portfolio](#)

### SKILLS

**Backend:** Flask, Fast API    **Languages:** Python, SQL, Bash    **Software Engineering:** Git, Linux  
**Web Scraping:** Requests, Scrapy, BeautifulSoup, Selenium    **Orchestration:** Apache Airflow  
**Data Wrangling:** Pandas, Spark    **Infrastructure:** Docker, Terraform, Cloudformation  
**Cloud:** AWS, GCP, Glue, S3, Lambda, EC2, SNS, SQS    **ETL:** Airbyte    **Agile:** Jira  
**Data Warehousing:** BigQuery, Singlestore, Athena, Redshift    **Streaming:** Kafka

### EXPERIENCE

**Everlytics (Remote) - *Big Data SQL Developer*** **1 year(Present)**

- Successful migration of a data warehouse from Teradata to SingleStore Cloud, resulting in a 40% reduction in data warehousing costs for the client while maintaining data integrity and query performance.
- Researched and implemented database enhancements in our new data warehouse, resulting in a 25% improvement in query performance and a 30% reduction in data retrieval time.
- Managed and optimized data workflow dependencies, resulting in a 20% reduction in release time and a 15% increase in overall workflow efficiency.
- Authored and optimized existing SQL queries, achieving a 40% increase in query speed and enhancing overall database performance.

**Diversity (Remote) - *Machine Learning Intern*** **3 months**

- Optimized LinkedIn scrapers to systematically extract employee profiles from specified companies, resulting in a database of 10,000+ profiles for talent acquisition and market research.
- Developed and oversaw production image classification models for gender detection, achieving an accuracy rate of 90% and ensuring seamless integration within the system.
- Debugged and enhanced machine-learning systems in production, resulting in a 15% reduction in error rates and a 20% improvement in system performance.

**Hash Analytics, Remote - *Data Analyst*** **9 months**

- Conducted data analysis using NumPy and Pandas, resulting in a 15% reduction in data processing time and enabling more informed decision-making
- Utilized Matplotlib and Seaborn for data visualization, producing engaging and informative visual representations that improved data comprehension and decision-making processes.

### PROJECTS

**Spotify Listens Ingestion** **2022**

- Design and create a pipeline that ingests Spotify's recently played data and inserts it into the database, backup to S3 data lake and visualizes.
- Managed the Spotify API with Selenium for browser-based authentication, deployed an AWS EC2 instance with Airflow installed on it, deployed an AWS RDS Postgres

- A visualization dashboard to answer questions about users' listening habits.

Tools & Tech Stack: Python, SQL, Apache Airflow, Terraform, AWS, Git

GitHub: [https://github.com/temmyzeus/spotify\\_airflow\\_batch\\_ingestion](https://github.com/temmyzeus/spotify_airflow_batch_ingestion)

### Serverless ETL Workflow

2022

- Create an Event-Driven data pipeline that is triggered on object PUT to run transformations on data.
- Created an AWS Lambda function that runs on csv file upload(PUT) to an S3 bucket, performs transformation with pandas and saves as a parquet file to the staging area. Another Lambda function then starts on upload to the staging area to load to AWS Redshift.

Tools & Tech Stack: Python, AWS Lambda, AWS Redshift, Cloudformation

<https://github.com/temmyzeus/serverless-etl-workflow>

### No-Toxic

2022

A text classification neural network model, deployed to an API endpoint to detect Toxic, Severely Toxic, Obscene, Threatening, Insulting and Identity Hate in text.

- Cleaning and Parsing Text with Regular Expression.
- Created a Preprocessing Pipeline that cleans the text, tokenizes and converts it to indices.
- Created a Deep Learning Model to classify text to Multi-Label outputs.
- Wrote Scripts for CLI inferencing on the Model.
- Built an Inference API

GitHub: <https://github.com/temmyzeus/No-Toxic>

## EDUCATION

Federal University of Technology, Akure - *B.Tech Physics Electronics*

## AWARDS AND ACHIEVEMENT

7th Position, UmojaHack Nigeria: AXA Vehicle Insurance Claim Challenge by UmojaHack Africa, [Link Here](#)

ARTIFICIAL INTELLIGENCE BOOTCAMP, Data Science Nigeria, [Proof Here](#)

- Selected as one of the best 300 AI talents in Nigeria to participate in the most renowned Artificial Intelligence Bootcamp in Africa.

## VOLUNTEERING

Assistant Tutor for the AI Invasion 2022 by Data Scientists Network

May 2022