



Oti Enyinnaya Isaac

Software Engineer

Male | Nigeria

Citizenship: Nigeria

Data and MLOps Engineer experienced in building scalable data pipelines, cloud data warehouses, and automated ML workflows. Skilled in orchestrating ETL pipelines using Airflow and Prefect, designing BigQuery data models, model training and evaluation pipelines, and deploying dashboards. Passionate about operationalizing ML models and enabling data-driven decisions.

Contact



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tisaac

Website:

isaacblac.github.io/

Skills

ETL Pipelines

Docker

RESTful APIs

MLOps

Scikit-learn

cicd

PostgreSQL, MySQL,
BigQuery

Python, Pandas, NumPy

Google Cloud

Node.js

Languages

English

Fluent - 04



Professional Experience

Senior Software Engineer

Greenwich Merchant Bank

Mar 2022 - Present

- Built API → Database ETL Pipeline.
- Automated extraction of crypto market data and stored it for trend analytics.
- Created live price visualization dashboard for tracking volatility and cycles.
- Designed Cloud Data Warehouse & Analytics Dashboard.
- Designed and deployed a star-schema warehouse for taxi trip analytics.
- Automated ingestion to staging → dimensional layers.
- Built dashboards analyzing cost, trip duration, vendor performance, and peak demand.
- Built automated ETL pipelines using Python and Airflow.
- Designed DAG orchestrating daily extract → clean → load workflow.
- Added retry logic and logging to enhance pipeline resilience.
- Developed a real-time trading platform mobile application with live market data charts and portfolio management; integrated RESTful APIs for market feeds and optimized performance under high data load.
- Architected and implemented MVVM and Riverpod for robust state management achieving a more maintainable codebase and improved app performance.

Software Engineer

Vatebra Limited

Mar 2020 - Mar 2022

- Led development of a cross-platform mobile payment application using Flutter, incorporating secure payment gateway integration and digital wallet features; optimized the app to support thousands of daily transactions.
- Developed a Flutter-based exam(WAEC) results checking app for candidates, enabling students to retrieve their exam scores via a mobile interface; integrated Firebase backend for secure data storage and real-time updates.
- Designed and consumed RESTful APIs to fetch student data, significantly improving data access speed.
- Collaborated closely with UI/UX designers to deliver intuitive, user-friendly interfaces, increasing user engagement by 20%.
- Worked in an Agile environment following Test-Driven Development(TDD) methodology, using Git and Jenkins CI server.

Educational History

B.Sc.

Federal University of Technology Owerri
(FUTO)

Feb 2004 - Jun 2010

Certifications

Secure Software Development and Certified Software Security Lifecycle

Phillips Consulting Limited

Jun 2024

Certified Cloud Security Professional

Phillips Consulting Limited

Oct 2023