

WILSON SUNDAY UDOMISOR

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PROFESSIONAL SUMMARY

Data engineering professional with three years of focused experience building reliable data pipelines, data models and analytics platforms. Strong foundation in computer science and information technology, with hands on work across ETL pipelines, warehouse design and cloud based data platforms. Comfortable working with business stakeholders, analysts and data scientists to translate requirements into robust data engineering solutions that support reporting and advanced analytics.

CORE DATA ENGINEERING SKILLS

Programming and querying

- Python
- SQL

Data engineering and storage

- ETL and ELT pipeline design
- Batch and near real time data processing
- Relational databases
- Data warehousing and dimensional modeling
- Data quality and validation

Cloud and tooling

- Cloud data platforms for example AWS Azure or GCP
- Orchestration tools for example Airflow or Prefect
- Version control with Git
- Containerization with Docker

Analytics and reporting

- Power BI or other BI tools
- Basic statistics for data analysis

Professional strengths

- Problem solving
- Working with cross functional teams
- Clear communication of technical concepts

PROFESSIONAL EXPERIENCE

Data Engineer

Wizbourne Inc Limited | Cross River state, Nigeria

January 2025 to Present

- Owns core data pipelines that move data from product and business systems into the central warehouse so that analysts and data scientists can run reliable reporting.
- Designs and maintains ETL and ELT workflows using Python and SQL under an orchestration tool such as Airflow including scheduling monitoring and alerting.
- Builds star schema and snowflake schema models for subject areas such as customers products and transactions to support self service analytics.
- Collaborates with product finance and operations teams to understand data needs and translates them into scalable data engineering solutions.
- Implements data quality checks validation rules and source to target mappings so that business users can trust metrics.
- Works with cloud storage compute and managed database services to optimise performance and cost of data platforms.

Associate Data Engineer

Golden Ace Technologies | Cross River state, Nigeria

January 2024 to December 2024

- Assisted in the design development and maintenance of production data pipelines from operational systems into a data warehouse.
- Wrote efficient SQL queries and Python scripts to clean transform and join diverse data sources including CSV exports APIs and relational databases.
- Helped implement dimensional models and data marts for reporting teams using best practices from data warehousing.
- Contributed to migration of existing scripts into an orchestrated workflow using tools such as Airflow including documentation and testing.
- Monitored pipeline runs investigated failures and fixed data issues together with senior engineers.
- Produced technical documentation that described pipeline logic dependencies and data contracts for downstream users.

Junior Data Engineer

Unelsoft Technologies | Rivers state, Nigeria

January 2023 to December 2023

- Supported senior engineers in building foundational ETL jobs and staging tables that prepared raw data for analytics.
- Developed small Python utilities to automate routine data tasks such as file ingestion format conversion and basic validation.

- Wrote SQL queries for ad hoc analysis and for views that powered dashboards and recurring reports.
- Learned and applied core data engineering concepts including data modeling indexing partitioning and query optimisation.
- Participated in code reviews and followed team standards for coding style testing and version control with Git.
- Worked closely with analysts to understand reporting requirements and mapped them to source data fields with clear documentation.

EDUCATION

Master of Science in Information Technology

National Open University of Nigeria (NOUN), Nigeria

Graduated January 2020

Bachelor of Science in Computer Science

University of Calabar (UNICAL), Nigeria

Graduated August 2013

PROJECTS IN DATA ENGINEERING

Modern Analytics Data Warehouse

- Designed and implemented a small analytics warehouse that ingested transactional data from a sample application database into a star schema using Python and SQL.
- Used an orchestration tool such as Airflow or Prefect to schedule daily loads with logging and basic alerting on failure.
- Built summary tables and views to support common business questions such as revenue trends active users and product performance.

Streaming Data Pipeline Proof of Concept

- Implemented a simple streaming pipeline using tools such as Kafka or a cloud native streaming service to consume event data.
- Wrote consumer applications in Python to process events and write them into an analytical store for near real time dashboards.
- Demonstrated use of partitions and consumer groups to scale processing and ensure reliable delivery.

Cost Optimised Cloud Data Platform

- Deployed a small data platform on a chosen cloud provider that combined object storage a relational warehouse and a lightweight orchestration layer.

- Tested different storage formats such as parquet and compression options to compare performance and cost.
- Documented trade offs between different architecture options from a data engineering perspective.

CERTIFICATIONS AND TRAINING

- ALX Professional Foundations certificate