

ADEKUNLE OLUSOLA

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PROFESSIONAL SUMMARY

I am passionate about designing and implementing robust and scalable data solutions using agile methodologies. My expertise lies in building data pipelines, data warehousing, and ETL processes to enable efficient data processing, operation, monitoring and analysis. I have extensive experience working with various database technologies, including SQL, NoSQL, and cloud-based databases. I am also proficient in python programming language, and have hands-on experience with Big Data technologies like Hadoop, Spark, and Kafka.

I am dedicated to continuously learning and staying up-to-date with the latest technologies and best practices in the field. I thrive in agile environments where I can work with cross-functional teams to solve complex data challenges and deliver actionable insights. My strong problem-solving skills, attention to detail, and ability to communicate technical concepts to non-technical stakeholders make me a valuable asset to any data-driven organization.

CORE COMPETENCIES - TECH STACKS

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| <ul style="list-style-type: none">• SQL; TSQL, PostgreSQL, MySQL• Spark SQL, Big Query, Synapses Analytics• Data Engineering; Data Warehousing, Data Lake and Oracle database, building ETL pipeline on Azure and GCP, Data factory, GCP Data prep, SSIS, SSRS and Pentaho data integration, singer tap and | <ul style="list-style-type: none">• target, DBT, Airflow, spark, SAP Hana Databricks and Hadoop• GCP pub sub, Function, Dataflow• Git; GitHub, GitLab, Bitbucket, Docker• Database design and management• Data Ops and Monitoring• CI/CD | <ul style="list-style-type: none">• Business Intelligence (BI); QlikView, Tableau, MS Power BI, Power Query, M Query, DAX, Excel, VBA• Project Management• Deployment and management of Cloud Data Infrastructure• Web Scraping• Docker• Python |
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INTERPERSONAL SKILLS HIGHLIGHTS

- *Self-starter, with refined ability to work with minimum or no supervision.*
- *Strong team collaboration skills. Work closely with team members to achieve goals.*
- *Solid, persuasive, and genuine communication, facilitation, and relationship-building skills.*
- *Excellent ability to establish and work to priorities while managing multiple workstreams.*
- *Proven leadership abilities and very high attention to detail.*

SELECTED CAREER ACHIEVEMENTS

- *Implementing Unity Data Catalogue on GCP Databricks*
- *Implemented Data warehouse on SQL Server 2016 with SQL Server Integration Service.*
- *Recommended energy billing process improvement and smart billing as an alternative solution.*
- *Developed a model (billing calculator) that helped to reduce commercial and collection losses by 30%.*
- *Revamped and significantly reduced the aggregate technical, commercial, and collection loss on Feeders by 40%.*
- *Recovered over 500,000kWh unaccounted energy by designing customers' consumption prediction analysis dashboard.*
- *Designed a waste management system for a floating house.*
- *Designed KPI dashboards for the business and developed a customer segmentation for target marketing.*

PROFESSIONAL EXPERIENCE

Senior Data Engineer – Oakbrook Finance Limited | Nottingham, UK

Apr. 2023 – Till Date

- Designed, built, deployed, maintained data products and pipelines in line with the data strategy architectural vision and roadmaps
- Data pipeline optimization with CI/CD on Databricks workflow, SSIS and Azure ADF, Azure DevOps
- Monitoring DataOps, using GCP cloud monitoring and Datadog
- Data migration from legacy data platforms; SQL server workloads to GCP Databricks and SSIS/ADF workflow to Databricks
- Deployed unity catalog on GCP databricks and GCP cloud storage for data governance
- Ensured quality standards are met and products are continually improved in line with business value
- Optimized existing data pipeline using spark, SQL server, SSIS, ADF and GCP Databrick in line with business requirements

Senior Data Engineer – Morressier Limited | London, UK**Oct. 2022 – Jan. 2023**

- Built data integration pipeline using python singer taps and target between different third-party systems
- Optimized existing data models and data warehouse (Bigquery) ensured processes performed optimally using DBT, python, GCP Kubernetes engine, google cloud composer (airflow) and Docker image and registry
- Optimizing deployments using google Kubernetes engine
- Collaborated with stakeholders, including the Executive, Product, and Data teams, to support their data infrastructure requirements and provide assistance with data-related technical difficulties.
- Managed Pipeline, incremental loading, and ETL processes
- Evaluated business needs and objectives relating to new data products

Data Engineer – Leadway Pensure Limited | Lagos, NG**Jul. 2021 – Sep. 2022**

- Built the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources using, python ELT, SQL Server and SQL Server integration services
- Implemented enterprise data warehouse on Microsoft SQL server using Integration and Analysis services (SSIS & SSAS), azure data factory, azure, databricks and python, google Bigquery, Oracle database.
- Managed ETL processes, incremental loading and Pipeline
- As a technical team lead, I managed teams' task, deliverables and sprints using JIRA.
- Built analytics tools that utilize the data pipeline to provide actionable insights into customer acquisition, operational efficiency, and other key business performance metrics.
- Worked with stakeholders including the Executive, Product, Data and Design teams to assist with data-related technical issues and support their data infrastructure needs
- Deployed and maintained Power BI analytics, data analysis, dashboard and report across business units
- Assembled large, complex data sets that meet functional / non-functional business requirements.
- Prepared data for prescriptive and predictive modeling, using Pyspark, azure databricks.
- Implemented MDM, DQS and SQL sever MDS for data governance.
- Interpreted trends and patterns

Lead Data Specialist (Contract) – Lafarge Africa Plc| Lagos, NG**Aug. 2020 – Jan 2021**

- Provided technical expertise on data storage structures, data mining, and data cleansing with Postgres SQL and python
- Designed data mining, collection processes and data observability.
- Worked with the stakeholders to develop a BI dashboard interface showing the relevant KPIs in QlikView and google data studio
- Designed Quality control processes to check all data input into all relevant commercial tools
- Worked with other data analysts in the team to create a business warehouse for the commercial function and by extension for the business as a whole
- Provided updates and actionable insight as required on all Route-To-Market projects across the country
- Supervised Ad hoc reporting and analysis as required by the Channel managers
- Worked with relevant research agencies used by Lafarge to identify industry trends and analyze to build a pipeline for new business opportunities or new ways of approaching our business.
- Managed commercial data collection tools and processes, Sales applications

Data Analyst/Data Engineer - Konga Online Shopping Ltd | Lagos, NG**Jan. 2019 – Aug. 2020**

- Managed master data including creation, updates, and deletion and provides quality assurance of imported data.
- Built several ETL pipelines to ingest data from various source databases, SAP Hana to replica databases in the data warehouse on GCP;
- Performed analytical projects using Big query and Azure; synapse analytics using Pentaho data integration data factory and GCP data prep.
- Manage code deployment and docker using cloud build and GKE.
- Interpreted data, analyzed results using statistical techniques, and provides ongoing reports using Power BI.
- Developed and implemented databases; Azure SQL, data collection systems; GCP Cloud SQL, data analytics; Power BI, and other strategies that optimize statistical efficiency and quality.
- Identified and interpreted trends or patterns in complex datasets. Filter and “clean” data by reviewing computer reports, printouts, and performance indicators to locate and correct code problems.

- Worked with management to prioritize business needs while also defining new process improvement opportunities.
- Processed confidential data and information according to guidelines, commissions, and decommissions datasets and developed reports and data observability.
- Supported the Data Warehouse on Azure synapse and Bigquery in identifying and revising reporting requirements while managing the reporting environment, including data sources, security, and metadata.
- Supported initiatives for data integrity and normalization, assess tests, implements new, upgraded software, and assisted with strategic decisions on new systems.
- Trained end-users on new reports and dashboards on QlikView and PowerBI, and provided technical expertise/consultation on data storage structures, data mining, and data cleansing.

Business & Data Analyst - Benin Electricity Distribution Company, VIPL Global Service

Oct. 2014 – Jan. 2019

- Assisted in data engineering; SAP Hana data warehouse project, technical review, data source scripting from SQL server and MySQL.
- Assisted in review of business processes; customer billing and metering. Designed actionable reports to improve cash collection drive and boost performance.
- Analyzed and monitored discrepancies in customer consumption patterns. Assisted with identification and analysis of all potential revenue leakages from customer metering, distribution transformer, and feeders and proffered strategies to eliminate such.
- Analyzed and monitored commercial and collection loss on 50 distribution transformers.
- Deployed and managed database on Microsoft Access and Access form for data collection
- Developed and implemented a creative performance reporting template and dashboard on
- Supervised Data Quality checks, performed Energy Audit and Energy loss reduction advisory.
- Revamped and significantly reduced the aggregate technical, commercial, and collection Loss of an 11kV feeder across three business Units from 72% to 30% within three (3) months.
- Ensured superior customer experience by addressing customer concerns, demonstrating empathy, and resolving problems promptly.

Project Assistant - Egypro Telecoms NG. Limited | Lagos, NG

Aug. 2013 – Sep. 2014

- Organized, implemented, and maintained scheduling management system for Telecommunication infrastructures.
- Logged project timelines and maintained a database of tasks and their status. Designed and developed a project schedule.
- Evaluated project schedule progress and performance in line with service level agreement and identify developing problem areas.
- Assisted project team to develop and maintain periodic status reports to keep management informed on project progress.
- Assisted to set up tasks and sub tasks to ensure satisfactory realization of project contract requirements as scheduled.

Assistant Project Engineer, Intern - NLE Works | Lagos, NG

Jul. 2012 – Jun. 2013

- Developed work breakdown structure. Supervised procurements and delivery.
- Designed a waste management system for a floating house project.
- Prepared weekly and monthly project status reports and ensured strict compliance with the project plan.

EDUCATION

- **BSc. Mechanical Engineering – Dec. 2010**
University of Lagos, Lagos State.

CERTIFICATIONS

- IBM Professional Certificate in Data Science
- Google Data Engineer Certification (In view).
- Effective Project Management
- Database Design and Management
- Certified Associate in **Python** Programming PCAP (in view)
- Google Analytics.
- Data Analysis (Data Camp).