

# Owolabi Akintan

Full stack Developer Data Engineer

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**GitHub:** <https://github.com/owolabi-develop>

**Website:** <https://my-latest-portfolio-nine.vercel.app/>

## PROFESSIONAL SUMMARY:

Highly accomplished full-stack developer and data engineer with 6+ years of expertise in architecting, developing, and deploying large-scale, real-time data pipelines, ETL processes, and data visualization tools that drive business growth and digital transformation. Skilled in leveraging cutting-edge technologies such as Python, AWS CDK, Prefect, and cloud platforms to design and implement scalable, efficient, and secure data solutions that meet complex business requirements. Proficient in harnessing the power of data science, and analytics to uncover insights, optimize processes, and improve decision-making. Adept at leading cross-functional teams, driving innovation, and fostering a culture of collaboration, agility, and continuous improvement.

## OBJECTIVE:

To design and implement cutting-edge data engineering solutions that unlock business value, leveraging expertise in distributed systems, data warehousing, and cloud-based architectures to drive data-driven decision making, foster data culture, and propel business success through data innovation and excellence.

## TECHNICAL EXPERTISE AND SKILLS:

- Programming languages: Python, JavaScript
- Cloud platforms: AWS,
- DevOps tools: AWS CDK, Prefect
- Data technologies: AWS Glue, Amazon S3, Amazon Redshift, Snowflake
- Big data technologies: Apache Spark, Apache Kafka, Apache Airflow, Apache Hadoop
- Data integration and APIs: RESTful APIs, Django-restframework,
- Data visualization: Power BI, Quick Sight, Matplotlib
- Data governance: Data catalog, data quality, data security, data privacy
- Data transformation: dbt (Fishtown Analytics)
- Containerization: Docker
- Security: IAM, Cognito, SSL/TLS, encryption
- Databases:
  - Relational databases: MySQL, PostgreSQL,
  - NoSQL databases: MongoDB, DynamoDB
  - Graph databases: Neo4j

## PROFESSIONAL EXPERIENCE:

### Data Engineer Context Data | Chicago IL (November 2023 - 2024):

- Spearheaded the development and implementation of data pipelines, achieving a 30% increase in data processing efficiency and a 25% reduction in manual effort
- Designed and automated data loading from multiple sources into a centralized target system, resulting in a 90% reduction in data inconsistencies and a 95% success rate
- Created and managed ETL jobs that migrated data from various sources to target systems, ensuring data quality and integrity
- Create and schedule ELT jobs on data warehouse using snowflake and dbt for data modeling and writing complex sql cte
- Developed and implemented a data catalog using AWS Glue and Amazon S3, improving data discovery and governance by 40% and reducing data duplication by 30%
- Extracted and processed daily articles from various news websites, achieving a 95% success rate and providing valuable business insights

**Junior Data Engineer, TraccSystems | London (February 2022 - November 2023):**

- Contribute to the Designed and developed a real-time data pipeline using Apache Kafka, Apache Spark, and AWS Glue, processing 10 thousand records per day
- Implemented data warehousing solutions using Snowflake and Amazon Redshift, achieving a 30% reduction in data storage costs and a 25% improvement in query performance
- Developed and optimized ETL processes, improving data quality by 25% and reducing data cleansing time by 30%
- Implemented data visualization tools using Power BI, resulting in a 40% increase in business intelligence and data storytelling and a 20% increase in user adoption.
- Improved data processing efficiency by 40% through optimization and automation, resulting in a 25% reduction in costs and a 15% increase in productivity
- Designed and implemented a data catalog using AWS Glue and Amazon S3, with a focus on data discovery and data governance

**Intern Data Engineer, Saga Pharmaco Inc. | Nigeria (January 2019 - December 2021):**

- Exhibited a remarkable propensity for knowledge acquisition and skill development, rapidly assimilating expertise in data engineering, data architecture, and data visualization
- Demonstrated an insatiable curiosity for emerging technologies and tools, swiftly internalizing AWS Glue, Amazon S3, Amazon Redshift, and Power BI, and leveraging them to drive business insights and inform data-driven decision making
- Showcased a keen ability to learn from constructive feedback and iterate on solutions, resulting in enhanced data quality, improved processing efficiency, and optimized data pipelines
- Collaborated with senior engineers and data scientists to design and implement complex data pipelines, honing my skills in data integration, transformation, and visualization
- Embraced a growth mindset, proactively seeking out new challenges, opportunities, and knowledge gaps to address, and contributing to the team's success through innovative solutions and process improvements

**EDUCATION:**

- Higher National Diploma (HND) in Computer Science, Yabatech College of Technology, Lagos State, Nigeria