



Adeola Kareem

Data Engineer | M.Sc. Computer Science | Software Development | Java | Python | SQL | Bash Scripting | Azure | Linux | Git

📍 Hatfield, UK

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Languages

English

About

I am an accomplished IT professional with expertise in network administration, cloud computing, and software development. My unwavering commitment lies in the ongoing refinement of skills, particularly in the realms of cloud technology and security solutions. I possess proficiency in facilitating effective collaboration and communication within the complex landscape of software projects. My primary objective is to harness my extensive background to foster innovation and bolster team productivity in the ever-evolving technology domain.

BRANDS WORKED WITH

Macdaoduss Systems Ltd

MasteryHive

Planera Solutions limited

TD Africa

Experience

● Data Engineer

MasteryHive | Jan 2023 -

Built scalable data pipelines leveraging Spark, Kafka, and BigQuery to ingest and process over 50TB of daily retail transaction data.

Automated data workflows using Python, Scala, and shell scripts in a Linux environment, reducing processing time by 70%.

Implemented streaming ingestion with Kafka to enable real-time analytics. Created topics, producers, and consumers; migrated batch ETL to streaming using ksqlDB.

Loaded raw data into BigQuery then transformed using SQL and BigQuery ML, uncovering product trends and increasing sales by 10%.

Reduced ETL costs by 75% by optimizing BigQuery data models and infrastructure.

Established end-to-end lifecycle from streaming ingestion to business intelligence using Kafka, Airflow, BigQuery, and Looker.

Implemented data security best practices including encryption, access controls, and PII masking with Cloud Dataflow.

Spearheaded migration from on-prem data to BigQuery leveraging Apache Beam, reducing costs by 40%.

Aligned data governance with industry standards and GDPR throughout the pipeline

● Data Analyst

Planera Solutions limited | May 2021 - Sep 2022

Collaborated with cross-functional teams to identify and clean data discrepancies, ensuring data accuracy.

Cleaned and transformed raw data to identify and exclude erroneous entries.

Utilized Tableau to create interactive visualizations for time series analysis, revenue trends, and customer insights.

Conducted quantitative analysis to extract meaningful insights and presented findings to stakeholders.

Conducted exploratory data analysis to provide actionable insights.



● Project Manager

TD Africa | May 2020 - May 2021

TD Africa, a pioneering ICT distributor in West Africa, represents major tech brands like HP, Microsoft, IBM, and more. As the first manufacturer-accredited local distributor in the region, we've transformed the ICT landscape with transparent distribution policies and a four-tier market structure. Our focus is on adding local value and ending dependency on foreign distributors.

Engage partner registration under the Microsoft CSP program.

Support partners in developing complementary competencies to their core business and achieving accreditation to increase their value to Microsoft.

Recommend relevant Microsoft solutions and programs that add value to both Distributor and Partner.

Resolve technical issues relating to Microsoft O 365, SharePoint, Microsoft Teams, Outlook, Exchange Online, Microsoft Azure, and Microsoft Dynamics



● Business Analyst

TD Africa | Oct 2017 - May 2020

TD Africa, a pioneering ICT distributor in West Africa, represents major tech brands like HP, Microsoft, IBM, and more. As the first manufacturer-accredited local distributor in the region, we've transformed the ICT landscape with transparent distribution policies and a four-tier market structure. Our focus is on adding local value and ending dependency on foreign distributors.

Identify and nurture new business opportunities for Azure services.
Build and maintain strong relationships with clients and partners.
Provide clients and partners with insights into the value of Azure solutions.

Recommend and position Azure products, services, and licensing options.

Develop and execute business development plans to meet and exceed revenue targets.

Conduct market research to understand industry trends and customer needs.

Collaborate with cross-functional teams, including technical and marketing teams.

Analyse data and address complex business challenges.

Provide technical guidance on Azure solutions

● Support Engineer

Macdaoduss Systems Ltd | Jan 2012 - Dec 2015

Mac Daodus Systems excels in network infrastructure design and management, blending wired and wireless solutions for seamless integration while prioritizing security with high-performance firewalls, managed switches, and robust user authentication. Data protection is a key focus, including encryption, comprehensive backup strategies, and disaster recovery plans. We offer segmented network structures for enhanced security and secure remote access for authorized personnel. Additionally, our data recovery expertise extends to retrieving data from various scenarios, making us your one-stop solution for safeguarding data and optimizing network infrastructure.

- Developed a scalable and reliable network architecture.
- Implemented a mix of wired and wireless solutions to cover an entire facility.
- Chose and deployed high-performance firewall solutions to fortify security.
- Utilized managed switches to create VLANs and segment the network effectively.
- Developed a robust user authentication system to enhance access security.
- Enabled encryption for data in transit and at rest to safeguard sensitive information.
- Created a data backup strategy to ensure data redundancy and availability.
- Established a disaster recovery plan to mitigate the impact of unexpected outage
- Designed a segmented network structure for departmental isolation and enhanced security
- Enabled secure remote access for authorised personnel

Education & Training

2022 - 2023

● University of Hertfordshire

Master's degree,

2016 - 2017 ● **Lagos State University**
PGD,

2004 - 2009 ● **University of Lagos**
Bachelor of Science (BSc),