

AFOLAYAN, Taiwo Ibrahim

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Objective

Experienced Data Analyst / Scientist with a demonstrated history of working in the telecommunications and banking industry. Strong information technology professional skilled in SQL, Database Administration & Management, Data Analysis & Visualization, Service Delivery, Application Programming, Computer Networking and Web Development. A bright, talented, ambitious and self-motivated with a strong technical background who possesses self-discipline. Able to contribute effectively to achieving organizational objectives and goals while attaining professional distinction and proficiency.

Team player, fast learner, analytical, accountable, resourceful and flexible professional.

Technical Skills & Competencies

- i. Skillful in Structured Query Language (SQL), MySQL, PostgreSQL, T-SQL, HQL, Oracle 10g/11g Database, Hive, Hadoop and MS SQL Server Administration.
- ii. Proficient knowledge of Application Environment such SQL Loader, SQL Plus, SQL Developer, Toad for Oracle, DBeaver, Oracle Virtual Box, VMWare, AWS and Microsoft Azure.
- iii. Good knowledge of Application Programming Languages such as PL/SQL, UNIX Shell Scripting, Python, R and Java.
- iv. Good knowledge of Operating Systems such as Windows, UNIX (Linux, HP-UX), Windows Server (2008/2012/2016).
- v. Proficient in using Microsoft Office Suite (Words, Excel, Access and PowerPoint).
- vi. Good knowledge of Business Intelligence Tools such as Oracle Business Intelligence Enterprise Edition (OBIEE), Think-Cell, Tableau and Microsoft Power BI along with understanding of UI / UX tools.
- vii. Good knowledge of Data Science Analytics tools such as Jupyter Notebook, KNIME and Seahorse.
- viii. Good knowledge of ETL tools such as SQL Server Integration Services (SSIS).
- ix. Good knowledge of Business Environment, Statistics and Statistical Packages such as Microsoft Excel, SPSS.
- x. Good knowledge of Networking, Routing, Troubleshooting and IP Configuration.

Experience

BLUECHIP TECHNOLOGIES LIMITED

Jun 2022 – Present

Victoria Island, Nigeria

POSITION: Senior Data Analyst

RESPONSIBILITIES:

BI Optimization/Support for 9mobile, Nigeria.

- Development and automation of new ETL pipelines on Big Data Interface (BDI) and business intelligence (BI) systems.
- Creating and monitoring automated jobs for crucial business decisions.
- Spooling data from SQL to Microsoft Excel for quick access and comprehension by business decision-makers.
- Communicate with the Service Desk in order to resolve escalated customer complaints.
- Attending meetings to discuss how to resolve pending reports and projects.

Enterprise Data Warehouse for Wema Bank, Nigeria

- Report requirements gathering and documentation from various business units of the bank.
- Dashboard creation for Top management executives to derive business intelligence insights and monitor KPIs like inactive customers, restricted customers, non-transacting customers, average transaction count, converge users, etc.
- Data modelling and creation of data marts.
- Optimization of existing reports.
- Creating product performance dashboards and themes for the bank's digital channels such as Customer Lifecycle Management (CLM) for Alat and Wema.

OCTAVE ANALYTICS LIMITED

Sep 2018 – May 2022

Yaba, Lagos, Nigeria

POSITION: Data Scientist

RESPONSIBILITIES:

- Designed and implemented data warehouse architecture.
- Tell stories with data while employing analytical and business intelligence tools.
- Used data science to deliver business insight that has measurable impact on top level metrics.
- Created and updated strategies and tactical plans for campaigns to meet the product and marketing goals.
- Analyzed complex data relationships within large data sets and analytics on transactional business banking group data for Customer value.
- Executed data aggregation by applying business rules to analyze and aggregate models to visualize information.
- Performed data visualization with visualization tools such as Tableau, Power BI, ThinkCell and Microsoft Office etc. to create some analytical findings and recommendations for clients.
- Designed and implemented data warehouse architecture and data mart or evaluate if existing.
- Data mining, wrangling, segmentation, modelling for generating varieties of reports using RDBMS (e.g. Oracle SQL, Microsoft SQL, MySQL, etc.)
- Ensured daily update and backup of onsite database and repository SFTP servers.
- Tell stories about customer behaviours with the application of data analytics and transaction channel optimization to facilitate customer engagement.
- Adopted and applied new technologies to promote and improve services to clients.
- Collaborated with clients, stakeholders and widely distributed team physically and/or remotely.

NAIRTIME NIGERIA LIMITED

Feb 2016 – Aug 2018

Victoria Island, Lagos, Nigeria

POSITION: Business Intelligence Developer

RESPONSIBILITIES:

- Performed data reconciliation.
- Performed Enterprise Data Warehouse management.
- Performed Data Warehouse/BI Administration using ORACLE SQL, ORACLE PL/SQL, ORACLE OBIEE.
- Designed the extraction, transformation and loading (ETL) process flows.
- Implemented process improvements (Performance tuning, Optimize workflows).
- Assisted with the development of the data model(s) for the data warehouse. Provided recommendations for all data strategies and out of scope processes.
- Assured that the onsite database and repository SFTP servers were updated and backed up every day.
- Developed methods to assess and track the general project health in collaboration with the technical program management and software quality assurance teams.
- Troubleshoot and resolve incidents.

COKER AGUDA LOCAL GOVERNMENT DISTRICT AREA

Nov 2014 – Nov 2015

Lagos, Nigeria

POSITION: Human Resources Trainee (NYSC)

MEDIA PICTURES NIGERIA LIMITED

Oct 2009 – Nov 2011

Palmgroove, Lagos, Nigeria

POSITION: Graphics / Web Developer

TAVIA TECHNOLOGIES LIMITED

Sept 2008 – Dec 2008

Ikeja, Lagos, Nigeria

POSITION: Intern

Education

AJAYI CROWTHER UNIVERSITY, OYO, NG

2017 - 2019

- Bachelor of Science (Hons), Computer Science (Second Class Upper)

THE FEDERAL POLYTECHNIC EDE, EDE, OSUN, NG

2012 - 2014

- Higher National Diploma (HND), Computer Science

THE FEDERAL POLYTECHNIC EDE, EDE, OSUN, NG

2007 - 2009

- National Diploma (ND), Computer Science

KING ADO HIGH SCHOOL, LAGOS-ISLAND, LAGOS, NG

1999 - 2005

- West African Senior School Certificate

EJIDEY NURSERY & PRIMARY SCHOOL, MAGODO, LAGOS, NG

1991 - 1999

- First School Leaving Certificate

Professional Membership & Certification

- Certified Management Consultant (CMC) Nov 2020 – Nov 2021
- Member, Data Science Nigeria (DSN) 2020 - Present
- Fellow, The Institute of Management Consultants (FIMC) 2020 - Present
- Associate Member, African Data Engineering and Science Association (Ass. M-ADESA) 2020 - Present

Additional Certifications

- **GOOGLE** - Data Analytics Professional Certificate
- **DATA CAMP** - Data Analyst with Python
- **PLURALSIGHT** - Effective Reporting with Power BI, Network Services for Cisco CCNA, ETL in SSIS
- **6SIGMA STUDY** - Six Sigma Yellow Belt
- **AVETA BUSINESS INSTITUTE** - Lean Six Sigma White Belt
- **CYBERSECURITY AND INFRASTRUCTURE SECURITY AGENCY** - Reverse Engineering
- **SCHOLARS INTERNATIONAL INSTITUTE OF TECHNOLOGY** - Diploma in ITIL
- **QUANTIC SCHOOL OF BUSINESS AND TECHNOLOGY** – MBA Fundamentals
- **GLOBAL GOODWILL AMBASSADORS LEARNING INSTITUTE** - Diversity, Sensitivity and Inclusion
- **CYBRARY** - ITIL Foundation V3
- **HUAWEI UNIVERSITY** - HCNA Datacom Engineer & App Development
- **LYNDA.COM INC.** - Managing Project Communication
- **NEW HORIZONS COMPUTER LEARNING CENTRE** - Oracle 11g Database Administrator (SQL, Associate & Professional)
- **CHARTERED INSTITUTE OF ENVIRONMENTAL HEALTH** - CIEH Level 1 & 2 Award in Health & Safety in the Workplace
- **NATIONAL YOUTH SERVICE CORP** - Discharge Certificate (Credential ID #A002670551)
- **HEWLETT-PACKARD (HP) LIFE E-LEARNING** - Customer Relationship Management
- **HYDATEK INSTITUTION OF COMPUTER** - Diploma in Business Computing

References

Available upon request

Projects

Organization: BLUECHIP TECHNOLOGIES LIMITED

Project Title: Business Intelligence Optimization / Support

Main Client: 9mobile, Nigeria

Role: Data Analyst / Report Generation

Tools: Hive Query Language (HQL), ETL, Oracle Analysis Service (OAS), MS Excel, PostgreSQL, Big Data Interface (BDI), SSMS

Description: Business Intelligence Optimization / Support included Network Management System (NMS), Advanced Inbound Management Solutions (AIMS), Bill Processing, and Sales Management Tools (SMT) Development.

Organization: BLUECHIP TECHNOLOGIES LIMITED

Project Title: Enterprise Data Warehouse

Main Client: Wema Bank, Nigeria

Role: Data Analyst / Power BI Developer

Tools: Microsoft Azure Synapse, Microsoft Azure Analysis Service, Microsoft Power BI on Synapse

Description: The project entailed the development, data warehousing, data analysis and visualization for data consolidation to aid the bank's strategic and operational management teams in their decision-making process, understanding the customer value, profitability, and interactions better to improve service levels and drive business growth.

Organization: OCTAVE ANALYTICS LIMITED

Project Title: Open Data Ecosystem Project for Nigerian Financial Institutions

Main Client: Nigeria Inter-Bank Settlement System Plc (NIBSS), Central Bank of Nigeria (CBN), Lagos Business School (LBS), Bill & Melinda Gates Foundation

Role: Data Scientist / Visualization Expert

Tools: Oracle DB, MS SQL Server, Toad for Oracle, SSIS, SSMS, Tableau, T-SQL, SQL

Description: Open Data Ecosystem project entailed the development, data warehousing, data analysis and visualization of Financial Inclusion using NIBSS Supply Side Data Stack (SSDS) and Geo Referencing Infrastructure Data

for Development (GRID3) population data to derive various interbank distributions / segmentations of banked, unbanked and underbanked population for government, policy-makers and investors to solve national issues.

Organization: OCTAVE ANALYTICS LIMITED

Project Title: Customer Value Management and Data Analytics

Main Client: First City Monument Bank

Role: Data Scientist

Tools: SQL, T-SQL, MS SQL Server, Toad for Oracle, Microsoft Power BI, MS PowerPoint, Oracle DB, Python

Description: CVM and Data Analytics which included Customer Dormancy Prediction, Transacting Base Health Check, Channel Optimization, Product Analytics and Product Recommendation.

Organization: NAIRTIME NIGERIA LIMITED

Project Title: MTN XtraTime / XtraByte

Main Client: MTN Nigeria / MTN Zambia / MTN Uganda

Role: Data Warehouse/ Data Analyst/ Report Generation

Tools: SQL, PL/SQL, Toad for Oracle, SQL Loader, MS Excel, Oracle DB, Linux

Description: MTN XtraTime / XtraByte project entailed the development, data warehousing and data analysis of the MTN XtraTime / XtraByte Business Application. This application in summary handles the critical business process and laid-down regulation surrounding subscribers borrowing and paying back of airtime/ data bundle from MTN.

The Project entailed end-to-end process from USSD code initiation by subscriber-to-subscriber crediting or otherwise, application data warehouse, application data input, business reports generation and invoicing data.