

# AFOLAYAN, Taiwo Ibrahim

Surulere, Lagos, Nigeria **DOB:** 4<sup>th</sup> January 1988 **Nationality:** Nigerian  
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## Objective

An experienced Data 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, quick learner and able to work with minimum supervision.

## Technical Skills & Competencies

- i. Skillful in Structured Query Language (SQL), MySQL, PostgreSQL, T-SQL, NoSQL, Oracle 10g/11g Database and MS SQL Server Administration.
- ii. Proficient knowledge of Application Environment such SQL Loader, SQL Plus, SQL Developer, Toad for Oracle, Oracle Virtual Box, and VMWare.
- 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.
- 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.

## Education

<b>AJAYI CROWTHER UNIVERSITY, OYO, NG</b>	<i>2017 - 2019</i>
▪ Bachelor of Science (B.Sc.), Computer Science (Second Class Upper)	
<b>THE FEDERAL POLYTECHNIC EDE, EDE, OSUN, NG</b>	<i>2012 - 2014</i>
▪ Higher National Diploma (HND), Computer Science	
<b>THE FEDERAL POLYTECHNIC EDE, EDE, OSUN, NG</b>	<i>2007 - 2009</i>
▪ National Diploma (ND), Computer Science	
<b>KING ADO HIGH SCHOOL, LAGOS-ISLAND, LAGOS, NG</b>	<i>1999 - 2005</i>
▪ West African Senior School Certificate	
<b>EJIDEY NURSERY &amp; PRIMARY SCHOOL, MAGODO, LAGOS, NG</b>	<i>1991 - 1999</i>
▪ First School Leaving Certificate	

## Professional Membership

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

## Additional Certification

<b>PLURALSIGHT, FARMINGTON, UTAH, USA</b>	<i>April 2020</i>
▪ Network Services for Cisco CCNA	

<b>6SIGMA STUDY, AVONDALE, AZ, USA</b>	<i>April 2020</i>
▪ Six Sigma Yellow Belt	
<b>AVETA BUSINESS INSTITUTE, PA, USA</b>	<i>April 2020</i>
▪ Lean Six Sigma White Belt	
<b>CYBERSECURITY AND INFRASTRUCTURE SECURITY AGENCY, WASHINGTON, DC, USA</b>	<i>April 2020</i>
▪ Reverse Engineering	
<b>SCHOLARS INTERNATIONAL INSTITUTE OF TECHNOLOGY, OREGON, USA</b>	<i>Sept 2019</i>
▪ Diploma in ITIL	
<b>QUANTIC SCHOOL OF BUSINESS AND TECHNOLOGY, WASHINGTON, DC, USA</b>	<i>July 2019</i>
▪ Finance: Time Value of Money	
▪ Accounting I: Fundamentals	
▪ Microeconomics I: Supply and Demand	<i>April 2020</i>
▪ Marketing Fundamentals	
<b>GLOBAL GOODWILL AMBASSADORS LEARNING INSTITUTE, USA</b>	<i>April 2019</i>
▪ Diversity, Sensitivity and Inclusion	
<b>CYBRARY, MARYLAND, USA</b>	<i>April 2017</i>
▪ ITIL Foundation V3	
<b>HUAWEI UNIVERSITY, SHENZHEN, CHINA</b>	<i>April 2017</i>
▪ HCDA / HCNA Datacom Engineer & App Development	
<b>LYNDA.COM INC., CALIFORNIA, USA</b>	<i>Sept 2016</i>
▪ Managing Project Communication	
▪ Six Sigma Fundamentals	
<b>NEW HORIZONS COMPUTER LERANING CENTRE, LAGOS, NG</b>	<i>July 2015</i>
▪ Oracle 11g Database Administrator (Associate)	
▪ Oracle 11g Database Administrator (Professional)	
<b>CHARTERED INSTITUTE OF ENVIRONMENTAL HEALTH, UK</b>	<i>2015</i>
▪ CIEH Level 1 Award in Health & Safety in the Workplace (Credential ID #9731707)	
▪ CIEH Level 2 Award in Health & Safety in the Workplace (Credential ID #9718083)	
<b>NATIONAL YOUTH SERVICE CORP, LAGOS, NG</b>	<i>2015</i>
▪ Discharge Certificate (Credential ID #A002670551)	
<b>HEWLETT-PACKARD (HP) LIFE E-LEARNING, CALIFORNIA, USA</b>	<i>2014</i>
▪ Customer Relationship Management	
<b>HYDATEK INSTITUTION OF COMPUTER/ IT STUDIES, LAGOS, NG</b>	<i>2006</i>
▪ Diploma in Business Computing	

## **Experience**

### **ARGITECH LIMITED**

*Sep 2018 – Present*

*Surulere, Lagos, Nigeria*

**POSITION: Data Scientist**

**RESPONSIBILITIES: PLEASE FIND PROJECTS TAKEN IN THE ANNEXURE BELOW**

- 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.
- Executed and automated various data ETL and reporting processes using Oracle.
- 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.
- 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.
- 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: PLEASE FIND PROJECTS TAKEN IN THE ANNEXURE BELOW**

- Performed data reconciliation.
- Performed Enterprise Datawarehouse management.
- Performed Data Warehouse/BI Administration using ORACLE SQL, ORACLE PL/SQL, ORACLE OBIEE.
- Designed the extraction, transformation and loading (ETL) process flows.
- Provided business insight into business application performance (data analysis).
- Provided technical insight into business application performance (data analysis).
- Performed invoicing report (application data analysis).
- Performed user report requirement analysis.
- Implemented process improvements (Automation, 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.
- Worked with Technical Program Management and Software Quality Assurance teams to develop means to measure and monitor overall project health.
- 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*

*Ilupeju, Palmgroove, Lagos, Nigeria*

**POSITION: Graphics & Web Developer**

**TAVIA TECHNOLOGIES LIMITED**

*Sept 2008 – Dec 2008*

*Wing B, 2<sup>nd</sup> Floor, Motorways Center, Motorway Avenue, Ikeja, Lagos, Nigeria*

**POSITION: Intern**

**References**

Available upon request

**Annexure**

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**Organization: ARGITECH 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

**Description:** Open Data Ecosystem project entails the development, data warehousing, data analysis and visualization of Financial Inclusion and Non-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 demographically.

**Organization: ARGITECH LIMITED**

**Project Title:** Customer Value Management and Data Analytics

**Main Client:** First City Monument Bank

**Role:** Data Scientist

**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

**Description:** MTN XtraTime / XtraByte project entails 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 entails 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.