



PROFILE / SUMMARY

Frankfurt is an experience and a business minded software engineer and data scientist; able to deliver valuable insights via data analytics and advance data driving methods, willing to experiment with custom algorithms and ideals for business applications and data products.

EXPERTISE

<ul style="list-style-type: none">• Data mugging / cleaning and Descriptive Analysis with R tidyverse and other R packages• Big Data Queries and Interpretation with Hive• Machine Learning Algorithms with R and Python – sklearn, pandas, numpy and R caret package• Reproducible Research and Report Generation with R• Data visualization with R ggplot2 and python ggplot implementation	<ul style="list-style-type: none">• Good knowledge of Java Language• Oracle Relational database and MongoDB• Extensive knowledge of Linux operating system commands and scripting• Good knowledge project management methodology• Business acumen, good communication and leadership skills• Expert knowledge of MS Office for presentation
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PROFESSIONAL EXPERIENCE

Data/Projects Consultant

Osun State Government/Word Bank, Nigeria

April 2014 – December 2018

- Furnished executive leadership team with insights, analytics, reports and recommendations enabling effective strategic planning across all business units, distribution channels and product lines.
- Developed intricate algorithms based on deep-dive statistical analysis and predictive data modeling that were used to deepen relationships, strengthen longevity and personalize interactions with customers.
- Analyzed and processed complex data sets using advanced querying, visualization and analytics tools.
- Identified, measured and recommended improvement to the state government website using A/B Testing.
- Integrate fraud detection models to the state payroll for identifying ghost workers
- Responsible for sourcing, cleaning and merging datasets for model building and evaluation across government ministries
- Directly involved in information technology training for the Youth Employment and Social Support Operations (YESSO) activities of the World Bank / Osun State Government
- Trained R and Python Programmers regarding applicable regulatory guidelines and programming activities for the other supporting team in Monitoring and Evaluation department of YESSO project

Data Scientist

ChamsSwitch Limited (a subsidiary of Chams Plc)

February 2012 – March 2014

- Participated in JAD Sessions and interviews with Stakeholders and SMES for requirement gathering, daily scrum meeting, sprint demo and retrospective meeting with 7-man team to develop web applications to extend the functionality of Base24 eps Switch.
- Scrapping data from the web and collecting data from backend oracle database for business questions analysis.
- Oversee the development of all reporting dashboards, from discovery through implementation, and ensures it is in alignment with BI data and reporting guidelines and policies
- Partner with stakeholders to apprehend data and reporting requirement to answer business problems

- Lead the UAT team of Paycollect (revenue collection application) software developers for testing and integration of Paycollect to core banking applications to guarantee that all user requirement specifications are accurately implemented. This was done at the head offices of 15 Nigeria Banks within 8 months.
- Worked with management to prioritize business and information need for the monthly executive meetings

Software Developer

MTN Nigeria

January 2009 – December 2011

- Worked with the, business analysis, testers and project manager.
- Involved in logical modeling and physical modeling of application.
- Developed Stored Procedures, Functions, Packages and SQL Scripts using Oracle PL/SQL.
- Involved in creation of Conceptual Modeling covering all the business requirements.
- Loaded the data into database tables using SQL*loader from text and excel files.
- Developed data model, SQL Queries, SQL Query tuning process and Schemas.
- Created SQL*plus reports as per client's various needs, and developed business objects.
- Developed SQL scripts for Referential Integrity check, which checks validity of incoming data with master tables in database.
- Involved in updating procedures, functions, triggers, and packages for validation and loading of data into target table based on the current requirement.
- Deployed code in ApacheTomcat and Weblogic server

Senior Instructor

New Horizons Computer Learning Centre, Nigeria

June 2006 – November 2008

- Team Leader, and Senior Instructor New Horizons / Babcock University joint program. Taught Object Oriented programming and SQLServer in Babcock University.
- Developed application on Microsoft Dot Net Platform: Test Engine for Students Performance Evaluation using Microsoft.Net 2.0 Platform with Microsoft SQLServer.
- Project Management Team and Co – Developer for E-learning Application for Nigeria Bottling Company (NBC) and FCMB.
- Trained corporate organizations: Con-Oil Plc, Diamond, Bank First Bank Plc, EFCC etc - in JAVA, XML, VB.NET, SQL SERVER, PL/SQL and ASP.NET

EDUCATION AND CERTIFICATION

Graduate Diploma Computer Science – Ladoke Akintola University of Technology, Nigeria 2017

Thesis Title: Comparative analysis of Pig and Hive

Master of Business Administration (MBA), Business School Netherlands 2015

Thesis Title: Improving Monitoring and Evaluation System Through Implementation of Big Data and Analytics In Osun State, Nigeria

BSC Soil Science – Obafemi Awolowo University – Nigeria 2003

CERTIFICATIONS

2008 Project Management Professional, PMP (ID: 1212004)

2007 Sun Certified Web Component Developer for the Java EE 1.4 Platform (SCWCD) Awarded by Sun Microsystems Incorporated

2006 Sun Certified Programmer for Java Platform (1.4) (SCJP) Awarded by Sun Microsystems Incorporated, Now Oracle Incorporation

2006 Oracle Certified Associate (OCA) Awarded by Oracle Incorporation

MOOC

John Hopkins University

University of California, San Diego

Data Science Toolbox
Getting and Cleaning Data
R Programming
Exploratory Data Analysis
Statistical Inference
Regression Model
Reproducible Research

Introduction to Big Data Analytics
Hadoop Platform and Application Framework
Introduction to Big Data