Olawole Frankfurt Ogunfunminiyi

Mobile: +1(832)815-0073

Email:frankfurtmacmoses[@gmail.com](mailto:wogunfunminiyi@gmail.com)

**Executive Summary:** Frankfurt is a Data engineer with 3+ years of experience in Cloud platform (AWS). He is passionate about this field and looks forward to the next steps.

**PROFESSIONAL SUMMARY**

* 13+ years of experience in Information Technology predominantly in the area of E-payment, government, Information technology and telecommunication, international development, energy, project management. I am an Experienced Software Engineer with an interest in big data.
* Expertise in ETL technologies AWS and Oracle suite.
* Database programming, SQL loader, Database tuning, building complex queries.
* Strong Technical experience in Data Modelling, Design, Development, implementation, customization, Maintenance and production support of ETL Migration, Integration and Data warehousing projects using Oracle and AWS and RStudio Server and Erwin.
* 2+ years of experience in Cloud platform (AWS).
* 1+ Years of development experience with Big Data Hadoop cluster (HDFS, MapReduce frameworks), Hive, Pig, Python.
* 1+ Years of Experience working using Spark Technology.
* Familiar with data architecture including data ingestion pipeline design, Hadoop information architecture, data modeling and advanced data processing. Experience optimizing ETL workflows.
* Hands-on experience with Amazon EC2, Amazon S3, Amazon RDS, VPC, IAM, Amazon Elastic Load Balancing, Auto Scaling, CloudFront, CloudWatch, SNS, SES, SQS and other services of the AWS family.
* 3+ Years of Experience in Data Warehouse Architecture and Design implementing data warehouses of various domains and sizes. Responsible for designing the Logical and Physical Data Model, implementing the ETL flows that perform initial and incremental batch loads, performing pre-production tests, production monitoring of telecom tariff files with high exposure Relational Database Modeling tools.
* 3 years of experience in dataLoad Utilities and tools such as SQL Plus and Erwin.
* Experienced in both SDLC and Agile methodologies.
* Hands on experience selecting appropriate AWS services to design and deploy an application based on given requirements.
* Good knowledge of Implementing cost control strategies on AWS platform.
* Setup/Managing CDN on Amazon CloudFront to improve site performance.
* Solid programming knowledge on Spark, Python and Java.
* 3+ years of ETL experience with Oracle (8i, 9i,10g, 11g) in combination with shell and Perl scripts.
* Experience in using Oracle development tools such as Tool for Oracle Application Development (TOAD), SQL developer, SQL\* Plus and PL/SQL Developer and Oracle Apex.
* Excellent written and verbal communication skills including experience in Business meetings, SOW proposals, project presentations, design solution walkthroughs, publishing regular status reports, conducting and coordinating status meetings, handling/resolving situations like customer facing issues etc.

**TECHNICAL EXPERIENCE**

**Big Data Tools:** HDFS, MapReduce, Hive, Pig Latin, Sqoop, Oozie, YARN, Avro, Parquet, Kafka, EMR, Apache Spark Core, DataFrame, Spark SQL, Spark Streaming, Amazon Athena, Glue

**Programming Languages:** JAVA, Python, R, PLS/SQL

**Automation/DevOps Tools:** YAML, Python, Shell Scripting, Code Pipeline, CodeStar, Git / Github, Code Build, CloudFormation, Elastic Beanstalk, Elastic Container Service and Elastic Container Kubernetes, Terraform

**ETL and Reporting:** Tableau, R ggplot, Amazon Kinesis, Splunk, Quick sight, Pig, Hive, Kafka, Glue, Athena, ES & Kibana

**Databases:** Oracle, Cassandra, RDS, Redshift, Dynamo, Aurora, Hbase, Neptune

**Project / Business**

**Management:** SDLC Project Management, user requirement gathering, problem solving, strong presentation and communication skill

**PROFESSIONAL EXPERIENCE**

**INFOBLOX June 2021 – Till Date**

*Cloud Data Engineer Intern*

* Design and build Observable Systems and Monitoring Infrastructure consisting of: Event Logging, Metrics, Distributed Tracing, on data lakes managed by Dremio with NewRelics.
* Create libraries and frameworks across a variety of languages (Python, Go) to easily build monitoring into services other teams build.
* Own problems end-to-end, thinking through everything from system design, data modeling, scalability, operability and ongoing metrics.
* Uphold our high engineering standards and bring consistency to the codebases, infrastructure, and processes you will encounter.
* Collaborate with experts in infrastructure, security and product engineering.

**PRAIRIE VIEW A & M UNIVERSITY Jan 2021 – May 2021**

*Graduate Assistance Research*

* Conducted experiment to profile containers in Kubernetes cluster to optimize cloud resource by reducing container cold start and improve function as a service (FAAS) latency
* Build containers for machine learning algorithms for face recognitions
* Deployed and Configured OpenWhisk (IBM Serverless - Private Cloud) with Prometheus and Grafana to Collect Node Metrics on Kubernetes Cluster
* Worked on Container Eviction Methods using different opensource Cloud Platforms
* Researched executing machine learning algorithms as serverless functions in
* Organize and present findings in publications for future research
* Organize and analyze data for machine learning prediction
* Build machine learning models to predict flood in Bay Area of Houston
* Collaborate with manager in preparing research proposals

**WORLD BANK, Osogbo Sep 2011 – Jun 2018**

*Project Data Analyst*

* Delivered the approved project chatter and project management plan for building 195 megawatts of electricity to power the state secretariat to be financed by Exim bank, U.S.A between 2014-2017.
* Project Managed the team responsible for design of Big Data Analytics usage for strategic repositioning of Bureau of Social Services (BOSS) for effective Monitoring and Evaluation of government’s projects to support effective budgeting by Ministry of Finance and Economic Planning.
* Review proposals, technical/user requirement documents from service providers of application automation to government and scheduling products that ensure core business processes run faster, more accurately and without interruption.
* Drafted operation processes for submitting reports and made presentations in conjunction with the Ministry of Information, Science and Technology to review usage of bulk Microsoft licenses procured by the State Government of Osun.
* Analyzed and processed complex data sets using advanced querying, visualization and analytics tools.
* Identified, measured and recommended improvement strategies for KPIs across all business areas.
* Responsible for parsing and merging datasets
* Directly involved information technology training for the Youth Employment and Social Support Operations (YESSO) activities of the World Bank / Osun State Government

**EDUCATION**

**Master of Science in Computer Science**

Prairie View A & M University, TEXAS (In-View)

**Graduate Diploma Computer Science**

Ladoke Akintola University of Technology 2017

**Master of Business Administration (MBA)**

Business School Netherland, Buren 2015

**BSc Soil Science**

Obafemi Awolowo University – Ife 2003

**CERTIFICATIONS**

AWS Certified Cloud Practitioner 2020

Project Management Professional, PMP (ID: 1212004) 2008

Sun Certified Web Component Developer for the Java EE 1.4 Platform (SCWCD) 2007

Sun Certified Programmer for Java Platform (1.4) (SCJP) 2006

Oracle Certified Associate (OCA) Awarded by Oracle Incorporation 2006

**MOOC**

John Hopkins University Bloomberg School of Public Health Verified Certificate - Coursera

Data Science Toolbox

Getting and Cleaning Data

Reproducible Research R Programming

Exploratory Data Analysis

Statistical Inference

Practical Machine Learning with R