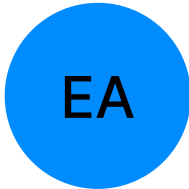


EKE AGBAI

Data Engineer | ETL & Data Pipelines | SQL & Python Proficient | Data Visualization Expert

+14104153931 ekeagbai29@gmail.com github.com/agbai1 Chevy Chase, MD



EXPERIENCE

Development Fellow

Association for Enterprise Opportunity

09/2024 - Present Remote

- Engineered SQL and BigQuery solutions, optimizing data extraction, transformation, and analysis to enhance business intelligence and analytics performance
- Developed a strategic engagement framework for Regional Councils, increasing stakeholder participation by 35% and streamlining communication workflows.
- Built interactive Tableau and Power BI dashboards, delivering real-time insights on key performance metrics across 10 regions.
- Designed and automated ETL pipelines and a Salesforce-based CRM database, reducing data retrieval time by 45% and improving small business opportunity analysis.

Data Reliability Engineer

Charles Schwab Inc

02/2022 - 07/2024 Remote

- Developed Python automation scripts to extract and transform Slack metadata into structured data for Confluence, enhancing accessibility for 15+ team members
- Optimized CI/CD pipelines with Gitflow and Shell scripting, boosting deployment efficiency by 10% and reducing Mean Time to Recovery (MTTR) by 15%
- Built analytics models in AppDynamics and Cognos to identify infrastructure risks and optimize system performance
- Designed Splunk monitoring solutions for real-time log analysis, strengthening system security and increasing uptime by 8%

Quality Assurance Reliability Engineer

Apple Inc

06/2019 - 03/2022 Remote

- Led end-to-end testing for the iOS Medication Feature in Apple Health, ensuring seamless functionality across multiple devices and iOS versions
- Developed automated monitoring solutions with Splunk, SQL, and Python, achieving 99% real-time system visibility
- Designed test cases for Azure-based data pipelines, enhancing the reliability and efficiency of cross-platform Big Data ingestion workflows
- Automated repetitive QA tasks using Bash scripting, increasing operational efficiency by 30%

Business Data Analyst

Envyl Inc

04/2017 - 05/2019 New York

- Designed object-oriented ETL workflows using Informatica PowerCenter, SSIS, and SAS, streamlining data extraction, transformation, and quality assessments in Big Data environments
- Developed SQL-based data models in Oracle, Teradata, and MS SQL Server, optimizing query performance by 40% and improving data integrity
- Built Tableau dashboards for business intelligence reporting, enhancing executive decision-making with actionable insights

Career Prep Program Fellow

Active Management Leadership for Tomorrow (MLT)

08/2023 Remote

EDUCATION

Master of Science in Applied Data Science & Analytics

Howard University

12/2024 - 12/2024 Washington, United States

Bachelor of Science in Applied Information Technology

University of Baltimore

12/2019 - 12/2019 Baltimore, United States

- Magna Cum Laude

Associate's Degree AA in Computer Science

Howard Community College

05/2015 - 05/2015 Columbia, United States

SUMMARY

Experienced Data and Reliability Engineer with 7+ years of expertise in data analysis, database management, and ETL processes using SQL, AWS, and Python. Skilled in designing scalable technical solutions, optimizing data workflows through DevOps best practices, and leveraging spatial data analysis for actionable insights. Adept at collaborating in Agile/Scrum environments to enhance data accessibility and drive data-driven decision-making. Proven ability to transform raw data into strategic insights, supporting business growth, operational efficiency, and innovation

KEY ACHIEVEMENTS



Enhanced Data Processing

Reduced data retrieval time by 45% with efficient ETL pipeline design.



Boosted Stakeholder Engagement

Increased stakeholder participation by 35% through strategic engagement framework development.



Optimized Deployment Processes

Improved deployment efficiency by 10% optimizing CI/CD pipelines.

CERTIFICATION

AWS Certified Developer

Splunk Fundamentals 1 & 2

SKILLS

ADF	Apache Spark	AWS	Azure
Azure Cloud	Bash	Big Data	Cognos
Confluence	Databricks	ETL Pipelines	
GitHub	Google BigQuery	JavaScript	
MDM	Microsoft Power BI		
Microsoft SQL Server		Pandas	PostgreSQL
QGIS	Salesforce	SAS Enterprise Guide	
Scala	Scikit-Learn	Snowflake	

FIND ME ONLINE



GitHub

github.com/agbai1



LinkedIn

linkedin.com/eke-a-42181590/

INTERESTS

Cycling, Travelling