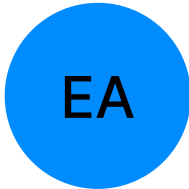


# EKE AGBAI

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

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



## EXPERIENCE

### 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 and automated ETL pipelines and a Salesforce-based CRM database, reducing data retrieval time by 45% and improving business opportunity analysis
- Engineered SQL and BigQuery solutions, optimizing data extraction, transformation, and analysis to enhance business intelligence and analytics performance

### 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%
- Designed Splunk monitoring solutions for real-time log analysis, strengthening system security and increasing uptime by 8%

### 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

