

OGHENEMAIGA ELEBE

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PROFESSIONAL SUMMARY

Data Governance and Reliability Engineer with over 7 years' experience supporting enterprise data platforms, improving data quality and maintaining governance standards across cloud-native distributed systems. Demonstrated expertise translating business rules into technical data controls, executing remediation plans, and monitoring data integrity across distributed systems. Strong background in stakeholder collaboration, metadata awareness, ETL validation, and data quality analytics.

CORE COMPETENCIES & TECHNICAL SKILLS

- Data Governance & Data Quality Management (Enterprise Data Controls, DCAM/DAMA Governance Framework Awareness)
- Metadata, Data Lineage & Data Stewardship: Unity Catalog using Azure Databricks, Microsoft Purview, Collibra Familiarity
- Data Quality Monitoring, Remediation & Control Validation (Databricks, SQL Reconciliation, Splunk, Log Analytics, Alerting Frameworks)
- Business Rule Translation & Data Control Implementation (Terraform Monitoring Controls, Automated Data Validation, Governance Rule Enforcement)
- ETL, Data Integration & Pipeline Reliability (Databricks Delta Live Tables, API, JMS, JDBC, SFTP Data Pipelines)
- Data Profiling, Analytics & Quality Reporting (SQL, Python, Scala, KQL, Observability Dashboards)
- Root Cause Analysis, Incident Response & Data Issue Resolution (PagerDuty, Prometheus, Grafana, Azure Monitor, RCA Governance Documentation)
- Stakeholder Engagement, Data Stewardship Support & Cross-Functional Governance Coordination
- Data Architecture, Data Flow Mapping & Hybrid Cloud Data Platform Support (Azure Data Services, EventHub, Cosmos DB, Distributed Data Systems)

CERTIFICATIONS AND AWARDS

Microsoft Azure Fundamentals, Certified AWS Solutions Architect (Associate Level), Scholastic Excellence in Computer & Information Sciences – *Gannon University*, On the spot Award – *TCS*

WORK EXPERIENCE

FedEx Corporation (Via Tata Consultancy Services)
Data Services - SITE RELIABILITY ENGINEER

Feb 2022 – PRESENT

- Partner with data owners, custodians, and engineering teams to maintain data quality standards across 59 enterprise applications and distributed data pipelines.
- Monitor and measure data quality metrics across cloud and hybrid data platforms, identify anomalies, and executing remediation plans to maintain enterprise data integrity.
- Translate business requirements and operational data rules into automated monitoring controls using Terraform, reducing false alerts by 32%.
- Perform root cause analysis of data failures across APIs, Kubernetes workloads, Databricks jobs, and ETL workflows to prevent data inconsistencies and improve data reliability.
- Conduct data validation and reconciliation between source systems and data warehouses using SQL, Python, and Scala to support downstream analytics and reporting functions.
- Collaborate with stakeholders to resolve data quality breaches, document remediation steps, and ensure compliance with enterprise data management standards.
- Develop automation runbooks to support data pipeline recovery and system restoration, improving operational data availability and reducing downtime.
- Lead incident response bridges and coordinate resolution across technical teams and business stakeholders, improving Mean Time to Acknowledge (MTTA) by 18%.
- Build real-time dashboards and reporting frameworks for monitoring data movement, data pipeline performance, and application reliability.
- Support testing and validation of data system changes through production and non-production environments to ensure data governance compliance and operational continuity.
- Maintain documentation and governance evidence supporting enterprise data standards and data lineage tracking.
- Support infrastructure and data integration initiatives between cloud and on-premises systems to ensure authoritative data provisioning.

Gannon University – Erie, PA

Jan 2021 – Dec 2021

SYSTEMS ADMIN - GRADUATE ASSISTANT

- Supported SQL Server databases and .NET research applications by implementing data access controls, data validation processes, and system reliability improvements.
- Designed automated database backup and recovery processes ensuring data integrity and availability for academic and research environments.
- Implemented compliance and security controls aligned with institutional data governance and research regulatory standards.
- Assisted with data profiling, system monitoring, and troubleshooting database performance issues to improve reporting accuracy.

PROJECTS

- **Data Quality Alerting Framework:** Designed automated data quality threshold monitoring using Terraform and Azure monitoring tools to improve proactive anomaly detection and governance oversight.

- **Enterprise Data Cost Optimization Initiative:** Improved data processing efficiency and reduced ingestion load by 64.8% through automated dataset filtration and ETL optimization.
- **Cloud Data Migration & Governance Compliance:** Led migration of Azure API infrastructure with zero downtime while ensuring compliance with enterprise data governance policies and security frameworks.
- **Identity & Security Governance Implementation:** Redesigned authentication workflows for 150+ data collections supporting Kubernetes workloads and strengthening data security compliance.
- **EEG Authentication System:** Developed biometric authentication system using SVM ML models on electroencephalogram (EEG) signals attaining 89% accuracy.

EDUCATION

GANNON UNIVERSITY - Erie, Pennsylvania, USA
 Master of Computer and Information Sciences

Dec 2021

LANDMARK UNIVERSITY - Kwara State, Nigeria
 Bachelor of Electrical and Electronics Engineering

May 2018

INTERESTS

Chess, Art, Fashion, Soccer, Basketball, Music, Swimming.