

AHMAD OLAITAN ALEGE

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PROFESSIONAL SUMMARY

Software & Data Engineer with 4+ years of experience building resilient data ingestion platforms, financial reconciliation pipelines, and scalable cloud infrastructure across Microsoft Fabric, Azure, and AWS. Skilled in developing multi-format Python parsers, Lakehouse Delta architectures, Airflow/Kafka workflows, and backend integrations under strict financial data governance standards. Proven track record of optimizing high-throughput transactional pipelines, automating deployments, and maintaining high data integrity across fintech environments.

TECHNICAL SKILLS

Languages:	Python (Advanced), SQL (PostgreSQL, MySQL, Delta/Transact-SQL), JavaScript, TypeScript, Bash
Data & Streaming:	Microsoft Fabric (Pipelines, Lakehouse, Spark), Apache Airflow, Apache Kafka, Kafka Connect, Debezium, PySpark, dbt
Databases & Storage:	Delta Lake, PostgreSQL, MySQL, Google BigQuery, AWS Redshift, MongoDB, ADLS Gen2
DevOps & Cloud:	Microsoft Azure, AWS, Docker, Kubernetes, Helm, Terraform, CI/CD Pipelines, Git
Testing & Analytics:	Pytest (Unit/Integration Testing), Great Expectations, Power BI (DirectLake), Grafana, REST APIs

PROFESSIONAL EXPERIENCE

Data Engineer (Contract) – MTN Fintech Aug 2026 – Present

- Engineered automated ingestion pipelines on Microsoft Fabric/ADF to ingest multi-partner financial statements from secure endpoints (SFTP, gateways) into Fabric Lakehouse Delta tables.
- Developed custom Python parsing engines supporting MT940, ISO 20022, CSV, and XLSX formats with built-in balance validations, file completeness checks, and duplicate transaction detection.
- Built the core transactional reconciliation engine in Python, integrating automated break analysis, root-cause tagging, and exception categorization to achieve >95% auto-matching accuracy on production runs.

Cloud & Data Engineer – Noji Guardian Protocol May 2026 – Present

- Designed and maintained scalable cloud infrastructure supporting production and staging environments, reducing monthly infrastructure costs from over \$600 to ~\$40 through compute and storage optimization.
- Built cloud-native data ingestion and processing pipelines for telemetry and analytics workloads.
- Automated infrastructure provisioning and application deployments using Terraform, Docker, Kubernetes, and CI/CD pipelines.
- Enhanced monitoring, logging, and on-call alerting to maximize platform reliability and uptime across cloud services.

Software and Data Engineer – Zulaiy Technologies Oct 2024 – Present

- Designed and operated automated ETL pipelines using Apache Airflow and Docker, processing 500K+ records daily across distributed database systems.
- Built backend services and REST API endpoints in Python/JavaScript secured with OAuth2 and JWT token-based authentication.
- Optimized complex PostgreSQL and MySQL queries and schema designs, reducing query execution latency by 60%.
- Implemented automated CI/CD pipelines and testing workflows, reducing engineering release deployment times by 50%.

Data Engineer – Space and Form Nigeria Limited Aug 2023 – Mar 2024

- Designed normalized PostgreSQL and MongoDB schemas alongside dimensional data models to support reporting performance.
- Developed reliable data transformation pipelines using Python, dbt, and Airflow handling 200+ GB of data monthly.
- Implemented automated data validation and quality test suites using dbt and Great Expectations to ensure transactional integrity.

CERTIFICATIONS

- Microsoft Certified: Fabric Data Engineer Associate
- Microsoft Certified: Fabric Analytics Engineer Associate
- Microsoft Certified: Azure Databricks Data Engineer Associate
- Professional Data Engineer in Python – DataCamp
- Astronomer Certification for Apache Airflow Fundamentals
- IBM Data Engineering Professional Certificate
- IBM People and Soft Skills for Professional & Personal Success
- Google Advanced Data Analytics

EDUCATION

B.Sc. Computer Science – Kwara State University

B.Sc. Statistics – University of Ilorin