PRECIOUS CHIDIEBERE IKEBUDE.

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PROFESSIONAL SUMMARY.

BI Scientist and AI/ML Engineer with 3+ years of experience in data analysis, business intelligence and machine learning, based in Lagos, Nigeria (WAT, UTC+1) and used to remote work with international teams. Started in data and BI work; now builds ML pipelines for fraud detection and data governance, and personal products Moniguard (fraud scoring), the BI Operations Agent (plain-English analytics) and LoanLens (credit risk). B.Sc. in Economics, so business context comes first; hands-on across the data lifecycle, from SQL and ETL to dashboards, models and MLOps.

SKILLS.

TECHNICAL SKILLS.

Data & BI: Power BI (DAX, Power Query, Data Modeling, Star Schema, Row-Level Security), Tableau, SQL, Excel (Advanced, Pivot Tables, VBA), Data Cleaning, Data Visualization, KPI Dashboards, ETL Automation.

AI / Machine Learning: Predictive Modeling, Classification & Regression, Fraud Detection, Credit Risk Scoring (WoE/KS), Churn Modeling, Feature Engineering, Model Evaluation & Calibration, SHAP, A/B Testing, Anomaly Detection, Time-Series Forecasting, NL-to-SQL Analytics.

MLOps & Engineering: MLflow, Airflow, Docker / Docker Compose, FastAPI, REST APIs, Model Monitoring & Versioning, CI/CD (GitHub Actions), Automated Testing, Workflow Automation.

Programming: Python (pandas, NumPy, scikit-learn, XGBoost, statsmodels), SQL (PostgreSQL, MS SQL Server, SQLite, DuckDB), R, TypeScript, Git/GitHub.

Cloud & Infrastructure: Azure and Oracle Cloud (working knowledge), Linux VMs, CI secret scanning and dependency audits, Data Protection (NDPA/GDPR).

NON-TECHNICAL SKILLS

Stakeholder Management, Requirements Gathering, Written and Verbal Communication, Attention to Detail, Problem-Solving, Remote Collaboration, Training and Mentoring, Documentation.

PROFESSIONAL EXPERIENCE.

BI Scientist || AI/ML Engineer (AI Assurance & Solutions).
3Consulting Limited, Lagos (Hybrid). **Nov '25 – Present**

- Built end-to-end ML pipelines for fraud detection (FraudGuard): velocity, behavioural-deviation and shared-entity (device/IP/phone) features for a calibrated XGBoost + Isolation Forest ensemble, with one feature definition shared by training and inference.
- Implemented automated model monitoring and versioning workflows: Airflow DAGs for retraining, promotion, drift monitoring and compliance reporting, logging parameters, metrics and artefacts to MLflow and MinIO.

Junior Data Analyst (AI Assurance & Solutions).
3Consulting Limited, Lagos (Hybrid). **June '25 – Nov '25**

- Worked on SafeData's retention rule engine, which computes disposal-eligibility dates from retention schedules and consent withdrawals while respecting legal holds and dual approval (NDPA/GDPR), and built its GitHub Actions CI (linting, integration tests, dependency audit, secret scanning).
- Created dashboards and technical documentation to communicate model performance, risk insights, and operational metrics to stakeholders.

BI Analyst || Data Scientist.
Nuovobanq, Seychelles (Remote). **June '24 – June '25**

- Gathered business requirements from client stakeholders and translated them into Power BI dashboards and reporting specifications that supported faster, better-informed client decisions.

- Automated data transformation and recurring reporting, cutting manual preparation and getting insights to stakeholders on time.
- Built Power BI data models, DAX measures and SQL transformations that surfaced revenue leakages and cost-saving opportunities across the reporting estate.

Economist (NYSC). 🔗
Bayelsa State Sports Academy, Asoama. **Feb '24 – Jan '25**

- Analysed student assessment records to identify learning gaps and target revision.
- Designed and delivered an economics, financial-literacy and personal-finance curriculum for high-school athletes.

Business Data Analyst || Xero Accounting Advisor.
Collective Consulting Limited, Lagos. **Nov '22 – Jan '24**

- Interpreted business and accounting data with statistical techniques to deliver recurring reports for strategic decisions.
- Reconciled and analysed client financial data in Xero, keeping it accurate and compliant with accounting standards.
- Built end-to-end BI reporting with Xero, Excel and Power BI.

ACADEMIC QUALIFICATIONS.

- **AI & ML Engineering Professional Certificate (in progress) – MICROSOFT / COURSERA.** **Target Dec 2026**
- **Cybersecurity Professional Certificate (in progress) – GOOGLE / COURSERA.** **In progress**
- **Advanced Data Analytics – GOOGLE.** **Apr 2025**
- **Managerial Economics and Business Analysis – GIES College of Business.** 🔗 **Jun 2023**
- **B.Sc. in Economics – University of Nigeria, Nsukka.** 🔗 **Nov 2022**

PROJECT AND CASE STUDIES.

- 🔗 **Moniguard – Real-Time Fraud Scoring (MLOps):** Built an end-to-end fraud-scoring service for Nigerian pay-on-delivery and transfer payments: a calibrated XGBoost + Isolation Forest ensemble that returns a 0–1000 risk score with reason codes through FastAPI, with MLflow tracking, Airflow retraining and Docker. On 60,000 synthetic transactions with a time-based split it reaches PR-AUC 0.959 (95% CI 0.942–0.972) in batch evaluation and 0.837 when each transaction is scored on its own through the API, as in live use.
- 🔗 **BI Operations Agent – Plain-English Analytics:** Built an agent that answers business questions in plain English over a governed YAML semantic layer, with a read-only SQL guard (sqlglot) and robust z-score KPI monitoring. On a 2-year synthetic Nigerian retail dataset (36,550 daily records) it answers 48/50 benchmark questions (14/25 held-out), blocks 12/12 adversarial prompts, executes 0 unsafe SQL and replies in 18.8 ms (median).
- 🔗 **LoanLens – Credit Risk Scorecard (Prosper Loans):** Built a leakage-free credit-default model on 55,518 closed Prosper loans (public data), tested out of time on 13,880 later loans: calibrated gradient-boosting ensemble with ROC-AUC 0.705 and KS 0.303, mapped to a 300–850 scorecard. The recommended 25% max-PD policy (score ≥ 568) approves 46.4% of applicants at a 16.9% default rate, against 30.7% overall.

CERTIFICATIONS.

Python Data Analytics Projects, Udemy. 🔗 **2024**
Quantium Data Analytics Certificate, The Forage. 🔗 **2023**
PwC Switzerland Power BI Certificate, The Forage. 🔗 **2023**
Excel VBA Certificate, Udemy. 🔗 **2023**

PROFESSIONAL MEMBERSHIPS.

- Data Jobs Naija (Jan. 2024 - Present).
- Policy Analysis and Research Group PARG (Sept. 2020 – Nov. 2022).