JOHN OKECHUKWU IGOLO

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SUMMARY

Versatile and highly skilled professional with a strong background in **Business Intelligence**, **Data Engineering**, and **Software Development**. Adept at building scalable data pipelines, crafting efficient APIs, and translating complex data into actionable insights for enhanced decision-making. Proficient in **Java Spring Framework**, **Python**, **JavaScript**, **Linux**, **Power BI**, and various statistical tools. Dedicated to leveraging technology and analytics to drive operational efficiency and business growth.

CORE COMPETENCIES

- **Data Engineering:** ETL processes, SQL, MySQL, PostgreSQL, MongoDB, BigQuery
- **Business Intelligence Tools:** Power BI, Tableau, DAX, Excel
- **Cloud Platforms:** Azure, AWS
- **Programming Languages:** Python, Java, JavaScript, HTML, CSS
- **Data Analytics:** Data Visualization, Reporting, Query Optimization
- **Development Frameworks:** Spring Boot, RESTful APIs
- **Statistical Tools:** SPSS, MINITAB, STATA, R
- **Version Control & CI/CD:** Git, GitHub, Docker
- **Operating Systems:** Linux (Proficient in scripting and system administration)

PROFESSIONAL EXPERIENCE

Business Intelligence Analyst | Global Accelerex Limited

2022 - Present

- Built and optimized **ETL pipelines** for large datasets and developed real-time **Power BI dashboards** for actionable insights.
- Conducted analysis on **transactional data** to identify and eliminate revenue leakages, driving a 20% increase in transaction volume.
- Designed and deployed a **daily transaction monitoring system** for **Stanbic IBTC Bank**.

- Collaborated with cross-functional teams to enhance decision-making through data-driven solutions.

Key Achievements:

- Worked with the GTbank Reconciliation team and resolved duplicate transactions that happened because of a system glitch.

- Increased customer satisfaction and brand goodwill through data-backed initiatives.

Software Developer & Data Analyst | Telcoilng Technology Limited

2021 - 2022

- Developed **RESTful APIs** for **Lien Management** and **Employee Management** systems using **Spring Boot**.
- Created data-driven applications to streamline business processes and improve efficiency.

ICT Manager & Computer Teacher | CAC Secondary School, Makurdi

2019 - 2021

- Managed school ICT infrastructure and taught practical computer studies to students.

PROJECTS

- **PDF to Picture Conversion Application:** Developed and bundled a stand-alone Python application to convert PDF documents into image files, enhancing **Power BI report integration**.
- **Transaction Monitoring Dashboard for Stanbic IBTC Bank:** Built an end-to-end transaction monitoring system that analyzes daily transactions and tracks failed/reversed payments.
- **Malaria Recovery Time Analysis (Gamma-Rayleigh Survival Model):** Developed a survival analysis model to predict malaria recovery times.
- **Fuel Station Queuing Prediction Model:** Built a machine learning model to predict arrival and service rates at fuel stations, optimizing staffing with **reinforcement learning**.
- **Movie Mania Web App:** Designed a full-stack web application for users to explore movies and create personalized watchlists, using external APIs.

- **Azure Virtual Machine Deployment:** Created and deployed a virtual machine and web server using **Spring Framework** and **Azure**.
  - o **Grade Achieved:** 100% | Verify Coursera Certificate
  - o **GitHub Projects:** View more projects

EDUCATION

M.Sc. in Statistics
University of Lagos | In View

B.Sc. in Statistics
Federal University Wukari, Taraba State | 2017
Second Class Honors (Upper Division)

CERTIFICATIONS

- **Microsoft Azure:** Virtual Machine Deployment | Coursera
- **BigQuery Certificate** | Coursera
- **SQL for Data Science** | Coursera
- **Python Programming** | CWW Tech Africa
- **Full-Stack Web Development** | CapacityBay
- **Linux, Python, and Git 3-in-1 Course** | CapacityBay

HONORS & AWARDS

- Dean's Commendation Award for Academic Performance (2013/2014, 2014/2015)

REFERENCES

- Available upon request. Worked with GTbank Reconciliation team and resolved duplicate transactions that happened because of a system glitch.