

Odeleye Stephen

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PERSONAL SUMMARY

Technical leader, data scientist, and analyst with 2+ years of hands-on experience extracting, cleaning, and analyzing data from multiple sources to deliver actionable insights in fast-paced environments. Proficient in SQL, Python (pandas, NumPy), statistical analysis, trend identification, predictive modeling, and the development of interactive dashboards that support data-driven decision making, I bring technical depth and clear communication to every project. Passionate about financial technology, digital financial products, and technology-driven solutions, I am eager to leverage strong analytical, problem-solving, and teamwork skills to contribute to fintech operations, product development, and digital finance innovation.

WORK EXPERIENCE

FLEXISAF EDUSOFT LIMITED | Nigeria (Remote) | January 2026 – Present

Data Scientist (Intern)

I immersed myself in advanced machine learning topics including deep learning, reinforcement learning, ensemble methods, transfer learning, and explainable AI using LIME and SHAP. I trained models with reinforcement learning and ensemble techniques while developing a detailed understanding of neural networks in PyTorch, covering neurons, layers, weights, bias, and activation functions such as sigmoid, tanh, and ReLU. I practiced feedforward and backpropagation and worked directly with DNNs, CNNs, RNNs, LSTMs, GRUs, and autoencoders. I also applied PyTorch to natural language processing tasks by cleaning text data—converting to lowercase, removing punctuation, and lemmatizing words—and performed sentiment analysis and text classification.

INDEPENDENT PROJECTS | Nigeria, Remote | August 2024 – Present

Data Scientist

I analyzed large volumes of recipe website data in a revenue optimization scenario, synthesizing information to predict and categorize high-traffic content using predefined taxonomies. I engineered features through category merging and binary target encoding with Pandas and NumPy, then built an end-to-end machine learning pipeline using Scikit-learn that included a Logistic Regression baseline, RandomForestClassifier, StandardScaler, and evaluation with precision, recall, F1, and accuracy. I conducted exploratory data analysis with groupby statistics and Matplotlib/Seaborn visualizations while flagging inconsistencies and ambiguities in the datasets, ultimately achieving $\geq 80\%$ precision for the high-traffic class and enabling a simulated 20% improvement in content prioritization, user engagement, and AI systems improvement via high-quality annotations.

NATIONAL YOUTH SERVICE CORPS | Oyo, Nigeria | August 2024 – August 2025

Computer Science Teacher

I evaluated student performance data for over 150 learners to boost engagement in the science curriculum, tracking comprehension and automating reporting by developing Excel scripts for analysis and optimization. This resulted in a 20% improvement in engagement metrics and enhanced educational outcomes. I also streamlined curriculum development workflows that required quality control for teaching processes by implementing optimization techniques and collaborating on process management, which increased overall efficiency and supported decisions for better student results.

REDEEMERS' HEALTH CENTRE | Oyo, Nigeria | June 2023 – November 2023

Laboratory Technician

I processed and analyzed over 200 diagnostic test datasets daily for high-volume laboratory operations that required error reduction, ensuring accuracy in sample tracking and reporting while achieving 96% accuracy and cutting processing time by 33% to support precise healthcare insights. I collaborated on relational data management systems to ensure compliance with protocols in a busy environment, optimizing workflows for efficiency, contributing to data integrity and protocol adherence, and resulting in operational gains that enhanced decision-making in critical health scenarios.

EDUCATION

Bachelor of Science in Biochemistry, University of Ibadan (2024)

CERTIFICATIONS

Machine Learning Scientist in Python, DataCamp (Dec 2025): Supervised, unsupervised, and deep learning techniques; NLP, image processing, feature engineering, and scalable ML with PySpark

Data Scientist, DataCamp (Dec 2025): Advanced data collection, manipulation, analysis, problem-solving, and application to real-world projects using Python and SQL.

International Genomics and Bioinformatics Bootcamp, Genomac Institute (Nov 2024): Genomic data collection, bioinformatics analysis, and biotechnology applications using computational tools.

Foundational Data Analytics for Healthcare Professionals, Medics in Tech (Feb 2025): Data analysis with Python, Power BI dashboards, and Tableau visualizations applied to healthcare datasets.