

DAVID TEMITAYO OKANLAWON

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Portfolio: daveokw-portfolio.vercel.app

GitHub: github.com/Daveokw

PROFESSIONAL SUMMARY

AI/ML Engineer and Data Scientist specialising in end to end machine learning solutions, from data preparation and model training to deployment. Proficient in Python, natural language processing, and modern AI techniques, with a focus on building scalable, production ready systems rather than just models. Experienced in applying data driven solutions across technology, health care, finance, and education to solve real world problems.

PROFESSIONAL EXPERIENCE

Lead AI/ML & LLM Engineer

June 2026 – Present

Luminor Terminal LTD (Revluma), Abuja, Nigeria (Remote)

- System Modernisation & Decoupling: Spearhead the architectural evolution of the core platform by abstracting heavy machine learning operations away from legacy infrastructure into a high-performance, asynchronous Python and Node.js microservices framework.
- Real-Time Data Orchestration: Engineer scalable, low-latency data streaming pipelines using event queues and caching layers to ingest continuous user behavioural streams and facilitate real-time predictive analytics.
- Predictive Intelligence Modelling: Design and deploy a multi-layered machine learning matrix focused on session risk evaluation, behavioural forecasting, and dynamic commercial optimization.
- Agentic Language Systems: Build autonomous, generative workflow layers utilizing advanced LLMs to drive intelligent intent classification and context-aware, hyper-personalised communication strategies.
- Secure Infrastructure Lifecycle: Manage the end-to-end lifecycle of the AI pipeline, enforcing rigorous data contracts, robust secret abstraction protocols, and automated environment isolation for production safety.

IT & Software Intern

May 2025 – Sept 2025

Federal Mortgage Bank of Nigeria, Abuja, Nigeria

- Developed a prototype banking application in Python featuring account management, deposits, withdrawals, transfers, airtime purchases, and bill payments.
- Implemented double entry accounting logic with ledger tracking, trial balance, and customer reconciliation within the prototype.
- Created data visualizations and analytical reports to support data driven decision making.
- Supported banking operations, system health checks, and network infrastructure tasks.
- Prepared reports, presentations, and meeting documentation for internal teams.

Network & Infrastructure Intern

March 2025 – May 2025

Chipset Technologies Limited, Abuja, Nigeria

- Collaborated with the IT infrastructure team on field maintenance and client installations.
- Installed, configured, and maintained on-site CCTV systems for various clients.
- Managed and troubleshot internet access points to ensure network uptime.
- Gained practical, hands-on experience in networking fundamentals and infrastructure support.

Data Scientist Trainee

Nov 2023 – Jan 2025

SQI College of ICT, Ogbomoso, Oyo State

- Trained in data analysis, visualization, and machine learning using Python and SQL.
- Analyzed real world datasets to extract actionable insights and inform decisions.
- Built a playing card classification app using PyTorch and ResNet18, deployed live via Streamlit.
- Developed ToxiScan, an NLP based text classification tool for detecting toxic content.
- Created a gender identification model using computer vision and deep learning techniques.
- Strengthened communication, time management, and multitasking skills.

CORE SKILLS

- Python Programming & SQL Querying
- Machine Learning & Predictive Modeling (Scikit Learn, TensorFlow/Keras)

- Natural Language Processing & Text Classification
- Computer Vision & Image Classification
- Data Analysis & Exploratory Data Analysis
- Data Visualization & Reporting
- Web Scraping & Data Collection
- Model Deployment & Application Development
- Database Management & Data Manipulation
- Version Control & Collaboration (Git, GitHub)
- Feature Engineering & Data Cleaning
- Jupyter Notebooks & Google Colab Proficiency
- Deep Learning (PyTorch)
- MLOps (MLflow, Docker, CI/CD)
- Big Data (Spark, Hadoop)
- Cloud (AWS, GCP, Azure)

EDUCATION

Ladoke Akintola University of Technology (LAUTECH), Ogbomoso, Oyo State

Jan 2022 - Present

Programme: Bachelor of Technology, Computer Science

Academic Standing: Second Class Upper Division

CGPA: 4.44

SQI College of ICT, Ogbomoso, Oyo State

Nov 2023 – Jan 2025

Programme: Professional Diploma, Data Science

Academic Standing: Excellent

CERTIFICATIONS

Certification in Data Science (SQI College of ICT)

June 2025

REFERENCES

- Available upon request