

MICHAEL-DAVID OSUJI

Lagos, Nigeria (Open to Remote Roles)

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PROFESSIONAL SUMMARY

Python Automation and Machine Learning Engineer with hands-on experience delivering end-to-end automation systems, data pipelines, and ML solutions for real clients. Proven ability to replace manual workflows, integrate third-party platforms, and deploy reliable systems on cloud infrastructure. Strong in Python, Selenium, APIs, TensorFlow, and AWS, with solutions that directly supported revenue generation and operational efficiency.

CORE SKILLS

- **Programming:** Python, SQL (MySQL)
 - **Automation & Backend:** Selenium, REST APIs, Flask, Web Scraping, Task Scheduling
 - **Machine Learning:** TensorFlow, Scikit-learn, CNNs, LSTM
 - **Cloud & Deployment:** AWS (EC2), GCP
 - **Data Tools:** Pandas, NumPy, OpenCV
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PROFESSIONAL EXPERIENCE

Anacott Consulting Group International Inc. ---- Tampa, FL, USA (Remote) Aug 2025 – Present

Python Automation Engineer (Contract)

- Designed and built end-to-end Python automation systems replacing fully manual inventory and procurement workflows.
- Integrated PartsBase, DIBBS, and NSNNow to extract, validate, and report critical procurement data.
- Developed robust scraping, data cleaning, and reporting pipelines used for decision-making.
- Owned full project lifecycle: requirements gathering, architecture, implementation, testing, and deployment.
- Automation directly supported **\$9,000 and \$250,000 contract wins** and identified a **\$1,000,000 high-value opportunity**.

Fiverr ---- Remote

Oct 2024 – Present

Freelance Machine Learning and Python Engineer

- Automated data scraping and cleaning pipelines with Excel integration and scheduling, improving client workflow efficiency.
- Optimized and refactored Python scripts for large-scale data validation and error handling.
- Supported clients with ML preprocessing, evaluation, and cloud deployment on AWS & GCP.

Netportal Diko Engineering Services ---- Port Harcourt, Nigeria

Nov 2024 – Aug 2025

Welder/Project Assistant

- Tack welded components and performed full welding tasks on mooring buoys and anchors.

- Collaborated with fitters and foreman to adapt designs using 40mm plate materials.
- Reviewed and modified technical drawings to ensure feasibility.

Ginuo Global Services ---- Lagos, Nigeria

Oct 2018 - Dec 2019

IT Support Technician/Intern

- Provided IT support including troubleshooting, network setup, and hardware/software maintenance.

EDUCATION

University Of The People	2025
Bachelor of Science in Computer Science (CGPA: 3.16/4.0)	
FreeCodeCamp	2024
Machine Learning (Freecodecamp certificate)	
FreeCodeCamp	2021
Python, SQL (Freecodecamp certificate)	
Joint Professionals Training and Support (JPTS)	2021
Welding Technology & Management (American Welding Society Certificate)	
God's Banner Secondary School, Lagos	2018
SSCE	

PROJECTS

Plant Disease Detection	Nov 2024
<ul style="list-style-type: none"> • Designed an ML pipeline for disease detection across 10 crop types. • Applied oversampling, undersampling, and OpenCV background removal to improve model performance. • Trained CNN models using TensorFlow and deployed them via a Flask API for real-time inference. 	
Book Recommendation Engine using KNN: FreeCodeCamp ML Project	Feb 2024
<ul style="list-style-type: none"> • Created a book recommendation algorithm using K-Nearest Neighbors (KNN) to suggest similar books based on a given book title. • Utilized the Book-Crossings dataset and Nearest-Neighbors from scikit-learn to measure the distance between instances and generate recommendations. 	

REFERENCES

To be provided on request