

# Daniel Nwachukwu

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## SUMMARY

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Proactive Software Engineer with over 4 years of experience, specializing in Machine Learning and AI. Proficient in constructing ML/AI applications that enhance operational efficiency and user engagement, leveraging a problem-solving approach to drive innovation. Skilled in Python, SQL, and cloud technologies.

## EXPERIENCES

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### Gidaa

AI Developer

**April 2023 – Present**

Delaware, United States

- Engineered an advanced recommendation system, enhancing property and mortgage plan customization which boosted customer satisfaction by 25%.
- Led the customer guide feature development, streamlining mortgage applications and demystifying industry processes, resulting in a 40% increase in user-friendliness.
- Created a risk assessment tool to gauge mortgage applicants' financial behavior, improving analysis efficiency by 30%.

### Essential Recruit

AI Developer

**September 2023 – Present**

Halifax, Canada

- Developed an AI-driven job recommendation application, improving job acquisition rates by 60% through personalized candidate matches.
- Implemented a suite of AI tools for resume and cover letter optimization benefiting over 500 candidates and recruiters.
- Conceived a virtual assistant for comprehensive relocation assistance to candidates.
- Innovated an AI note-taking plugin for interviews, now integral to over 10 weekly interviews.

### Project School

Backend Developer

**February 2023 – February 2023**

Lagos, Nigeria

- Optimized server architecture and crafted APIs, decreasing response times by 20%, enhancing productivity.
- Deployed API versioning, diminishing compatibility issues and streamlining future updates.
- Augmented data integrity with validation rules, minimizing entry errors by 10%.
- Developed automated testing suites, bolstering code coverage and reducing bug occurrence.
- Collaborated effectively with front-end developers, accelerating load times and improving client satisfaction.

### DFX Gadgets Hub

**September 2022 – September 2022**

Full Stack Developer

Lagos, Nigeria

- Elevated Ecommerce platform sales by 75% and decreased support requests by enhancing the user experience.
- Streamlined server-side architecture, resulting in faster page loads and improved user retention.
- Refined API documentation and error handling, reducing support inquiries and streamlining integration processes.
- Facilitated payment processing by integrating Stripe, securing transaction success rates and customer support efficiency.
- Improved database performance and application robustness through security enhancements.

### **CyberMe Studio**

Backend Developer

**May 2022 – September 2022**

Riyadh, Saudi Arabia

- Developed an Instagram data web scraper and a trading bot, contributing to a 25% revenue increase.
- Designed algorithms for arbitrage detection across exchanges, amplifying gains by 30%.
- Implemented predictive models and data systems, fostering a 15% profit growth.

## **EDUCATION**

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Yaba College of Technology

Higher National Diploma in Metallurgical Engineering

December 2018

Yaba, Lagos

## **SKILLS**

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Python (Advanced), SQL (Advanced), React (Intermediate), Kotlin (Beginner), TensorFlow (Advanced), Keras (Advanced), Scikit-Learn (Advanced), AWS, GCP, Flask, Django, Brownie, Ethers.js, Hardhat, NumPy, Pandas, Google Colaboratory, Jupyter Notebooks, Pycharm, Visual Studio, Git

## **CERTIFICATIONS**

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DeepLearning.AI TensorFlow Developer Specialization - DeepLearning.AI	Date Obtained
Machine Learning, Object Localization with TensorFlow - Coursera	Date Obtained
Transfer Learning for NLP with TensorFlow - Udemy	Date Obtained
Advanced Deployment Scenarios with TensorFlow - TensorFlow Organization	Date Obtained
Neural Networks and Deep Learning - AWS Machine Learning	Date Obtained