






Godwin Musa

Junior Data Scientist | Data Analyst | AI Solutions Engineer

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SUMMARY

Junior Data Scientist with over 2 years of freelance data science experience and 2 years of Python-based training, passionate about uncovering actionable insights to drive meaningful outcomes. Skilled in data sourcing, cleaning, validation, statistical analysis, and machine learning model development, focusing on creating scalable, data-driven solutions. Adept at building intuitive web apps and dashboards using tools like Flask, Streamlit, and Gradio, and presenting insights through detailed reports and compelling visualizations. Dedicated to innovation and continuous learning, committed to enhancing customer experiences and satisfaction through impactful data applications.

EXPERIENCE

Hamoye.org, Nigeria — *Remote Data Science Intern*

MAR 2024 - AUG 2024 (6 MONTHS))

- Created data visualizations that improved decision-making efficiency by 25%.
- Built machine learning models with 90% accuracy, reducing errors by 15%.
- Applied technical expertise to enhance project outcomes and cut delivery times by 20%.

Odingo, Denmark — *Remote AI and Innovation Intern*

FEB 2024 - MAR 2024 (2 MONTHS)

- Deployed AI solutions like speech-to-text and translation, increasing task efficiency by 30%.
- Automated workflows using Large Language Models, improving accuracy by 25%.
- Built AI prototypes for vision and video technologies, reducing development time by 40%.
- Optimized digital infrastructure to support scalable AI innovation.

Jumia, Nigeria — *Jforce Sales Consultant*

MAY 2021 - JUN 2023

- Generated over 500 successful sales annually, achieving a consistent 20% increase in commission earnings.
- Analyzed customer preferences to provide tailored product recommendations, boosting repeat purchases by 15%.
- Exceeded monthly sales targets by 10% on average through strategic customer engagement and market trend analysis.

PROJECTS

DermaSeek - *AI-Powered Dermatology Case Search Tool*

- Built a multimodal search system for text, image, and speech queries using LLaMA 3.2 and CLIP for summarization and similarity matching.
- Designed a multilingual text-to-speech interface and streamlined deployment with Python, Gradio, and ChromaDB.
- **Technologies:** Python, Gradio, Google Cloud, LLaMA 3.2, CLIP, ChromaDB.

Metadata Validation App - *Streamlit-Based JSON Metadata Validator*

- Created an app to validate JSON metadata against schemas like METS and Dublin Core.
- Integrated schema validation logic and error feedback, with JSON and DataFrame result views.
- **Technologies:** Python, Streamlit, Pandas, JSON.

StackAssist Demo - *AI Help Center Assistant for StackUp Community*

- Developed a RAG system using LangChain, Pinecone, and TogetherAI for contextual Q&A.
- Built a web scraper to structure help center data and a ChatGPT-style Streamlit interface for user interaction.
- **Technologies:** Python, Streamlit, LangChain, Pinecone, TogetherAI.

Interactive Reading App - *AI-Powered Reading & Object Recognition Tool*

- Designed an app to enhance reading and comprehension with text extraction, object recognition, and audio transcription.
- Delivered real-time feedback and text-to-speech support for personalized learning.
- **Technologies:** Python, Streamlit, Google Cloud APIs, Gemini Flash, NLP.

EDUCATION

University of Ilorin, Nigeria — *MB; BS*

Nov 2018 - PRESENT

- **Research and Journal Club Member**
 - Conducted data analysis for affiliated doctors and detailed analytical reports on clinical findings and studies.
 - Enhanced research with advanced data visualization and statistical techniques.
- **Medical Posting: Medicine 1 Project:**
Prevalence and Perception of Skin Lightening Products Among Undergraduate Students in Kwara State Polytechnic.
 - Led data analysis and reporting, leveraging tools such as SPSS, and Python to derive insights and support evidence-based conclusions.

SKILLS

- Python: Pandas, Polars, Data Analysis, Visualization, Statistical Analysis
- AI/ML: Scikit-learn, XGBoost, Deep Learning, NLP, LLMs
- Databases: SQL, ChromaDB

CERTIFICATION

- Datacamp
 - [Certified Data scientist with python](#)
- WorldQuant University
 - [Applied Data Science Lab](#)
 - Applied AI Lab: Deep Learning for Computer Vision

EXTRACURRICULARS

Student Ambassador - *Cowrywise*

- Assisted peers in creating personalized budgeting plans, reducing monthly expenses by 20%.
- Guided participants on effective savings strategies, increasing their monthly savings by 25%.

Accenture North America Data Analytics and Visualization Job Simulation on Forage
- **October 2024**

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modeled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders