

Resume 1: Ibrahim Musa

Contact Information

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Location: Port Harcourt, Rivers State

Summary

Data Scientist with a Ph.D. in Data Science and 4 years of experience in developing NLP and ML models for production environments. Expert in Python, TensorFlow, and HuggingFace Transformers, with a focus on MLOps and model explainability. Committed to delivering AI-driven insights for business applications.

Education

Ph.D. in Data Science

University of Abuja, Nigeria

2018 - 2022

[M.Sc. in Computer Science](#)

University of Jos

2015 - 2017

[B.Sc. in Statistics](#)

Bayero University, Kano

2010 - 2014

Certifications

- Google Professional Machine Learning Engineer (2022)
- AWS Certified Data Analytics – Specialty (2021)

Professional Experience

Senior Data Scientist

IntelliTech Solutions, Lagos

Feb 2021 - Present

- Built NLP pipelines using spaCy and HuggingFace Transformers for document classification, achieving 91% accuracy.
- Implemented MLOps workflows with MLflow and Docker, reducing model deployment time by 35%.
- Utilized SHAP for model explainability, enhancing transparency for client presentations.

Data Scientist

Insight Analytics, Abuja

Aug 2018 - Jan 2021

- Developed regression models with TensorFlow for predictive maintenance, improving efficiency by 20%.
- Preprocessed large text datasets with NLTK, ensuring high-quality inputs for NLP models.
- Collaborated with DevOps teams to deploy models via Kubernetes, ensuring scalability.

Skills

- Programming: Python, SQL, R
- ML Frameworks: TensorFlow, Scikit-learn, Keras
- NLP Tools: spaCy, NLTK, HuggingFace Transformers
- MLOps: MLflow, Docker, Kubernetes
- Other: SHAP, Pandas, AWS

Projects

- **Document Summarization Tool:** Deployed a T5-based model for automated report summarization, saving 15 hours weekly.

- **Customer Feedback Analysis:** Built a BERT-based sentiment analysis model, improving customer insights by 25%.