

Resume 10: 10: Halima Sani

Contact Information

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Location: Port Harcourt, Rivers State

Summary

Data Scientist with an [M.Sc.](#) in Data Science and 4 years of experience in ML and NLP model deployment. Skilled in Python, PyTorch, and HuggingFace Transformers, with expertise in MLOps and data preprocessing. Committed to delivering scalable AI solutions for business applications.

Education

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

Bayero University, Kano

2017 - 2019

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

Usmanu Danfodiyo University, Sokoto

2012 - 2016

Certifications

- Google Cloud Professional Machine Learning Engineer (2023)
- [DeepLearning.AI](#) NLP Specialization (2022)

Professional Experience

Data Scientist

TechNova AI, Port Harcourt

Apr 2020 - Present

- Built NLP models with HuggingFace Transformers for chatbot applications, improving user satisfaction by 20%.

- Automated MLOps pipelines with Airflow and Docker, reducing deployment cycles by 30%.
- Implemented SHAP for model explainability, enhancing stakeholder understanding.

Data Analyst

InsightTech Analytics, Kano

Sep 2018 - Mar 2020

- Developed regression models with Scikit-learn for sales forecasting, improving accuracy by 10%.
- Preprocessed text data with NLTK for NLP model training.
- Collaborated with engineering teams to integrate ML models into production systems.

Skills

- Programming: Python, SQL, Java
- ML Frameworks: PyTorch, TensorFlow, Scikit-learn
- NLP Tools: spaCy, NLTK, HuggingFace Transformers
- MLOps: Airflow, Docker, MLflow
- Other: SHAP, Pandas, Git

Projects

- **Chatbot for Customer Support:** Fine-tuned a BERT model for customer query resolution, reducing response time by 25%.
- **Predictive Sales Dashboard:** Built a Streamlit-based dashboard for real-time sales predictions.