

Lukman Kunveng

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Summary

Results-driven Data scientist with 3+ years of experience building high-impact AI/ML solutions across healthcare and e-commerce. Proven track record of driving 25% revenue growth through AI recommendation engines and developing a 95.2% accurate ensemble model and LLM for multi-disease prediction. Expert in NLP and Generative AI, having pioneered a Rasa-GPT-3 voice assistant and award-winning research in accent recognition. Proficient in Python, R, and deep learning frameworks (TensorFlow, PyTorch) with a focus on automating international workflows and cloud-based performance optimization.

Work Experience

EPIC TRAVEL FZ.LLC

Sales Officer, On-site

Dubai, United Arab Emirates

Oct 2025 – Jan 2026

- Drove 25% revenue growth during peak holiday season by deploying AI powered recommendation systems and advanced customer segmentation strategies.
- Developed and maintained interactive Power BI dashboards and reports to monitor key metrics, including leads, conversions, revenue, and refunds, enabling data driven decision making.
- Developed and maintained content-based recommendation systems for flights, hotels, and travel add-ons, increasing attach rates and average booking value.
- Managed the full end-to-end sales cycle including prospecting, needs assessment, quotation, booking confirmation, and after-sales support.
- Resolved booking and post-sales issues through coordination with airlines, hotels, and external partners, maintaining high customer satisfaction and service quality.

Ayzee A.I & Technology

Software Development Consultant, Remote

AOB District, Ghana

Nov 2024 – May 2025

- Identified, designed, and deployed AI-driven solutions that automated digital workflows across multiple client projects, enhancing operational efficiency and decision-making.
- Delivered expert level programming and software development support, including debugging, code optimization, and end-to-end implementation that improved system performance and reliability.

Sensor6ty/ai4Sense

Azure Data Scientist, Remote

Saint-Quentin, France

Jun 2023 – Jul 2024

- Engineered a high-accuracy speech-to-text system that significantly boosted transcription performance across diverse accents and noisy audio environments.
- Developed a Voice Assistant chatbot for media-player interaction using Rasa and GPT-3, improving user automation and accessibility.
- Evaluated and optimized speaker diarisation techniques for multi speaker audio, enhancing conversation segmentation and transcription quality.
- Applied advanced machine-learning techniques in Python and R to perform in-depth data analysis and visualization for research and production use cases.
- Leveraged cloud and open-source ecosystems, including Microsoft Azure, Hugging Face, and containerized ML workflows to scale and refine speech recognition pipelines.

First Atlantic Bank Ltd

Direct Sales Executive

Accra, Ghana

Jan 2019 – Dec 2020

- Expanded the customer base through strategic prospecting and relationship-building, contributing to increased deposit mobilization and product adoption.
- Assessed creditworthiness of loan applicants and delivered risk-based recommendations, supporting high-quality credit decisions and portfolio growth.

Education

African Institute for Mathematical Sciences

Master of Mathematical Sciences in Data Science

Mbour-Thies, Senegal

Oct 2022 – Jul 2024

Grade: 84/100 - Very Good Pass

Thesis: IoT and Artificial Intelligence for Secure Remote Healthcare Monitoring. Under review

University of Toronto Mississauga

Certificate of Effective Healthcare Management, Online

Mississauga, Canada

Sep 2023 – May 2024

Coursework: Healthcare Governance, Ethics & Culture, Healthcare Strategy & Critical Thinking Processes, Risk Management

in Healthcare, Effective Leadership in Healthcare, Healthcare Finance, Reporting & Scorecards Data Analysis & Digitization for Healthcare

University for Development Studies

Bachelor of Science in Actuarial Science

Tamale, Ghana

Sep 2014 – Jul 2018

CGPA: 3.85/5.0 - Second Class-Upper Division

Thesis: Analysis Of Factors That Influence Academic Performance (CGPA) Of Students. A Case Study of FMS, UDS-Navrongo Campus

Skills

Programming Languages: Python, R, LaTeX

Data Science: Modeling, Predictive Analytics, Visualization

Communication: Strong communication skills

Marketing Skills: Digital marketing, market research

Analytics: SQL, Power BI, Excel

AI: Generative AI (LLMs), NLP, Machine Learning, RL

Deep Learning: TensorFlow, PyTorch, Scikit-learn

Tools: Virtual administration, social media analytics,

Professional Certifications

ALX Africa Foundation

Data Science Programme

Accra, Ghana

Jan 2025 – Present

- o Completed modules: Professional Foundations, Data Analytics, and Python Programming.

- o Current module: Machine Learning (expected completion: Feb 2026).

Virtual Administration (Beginner to Intermediate)

GetBundi Education Technology

Verify Certificate

Sep 2025

- o Confirmed successful completion of the Digital Skills Course on Virtual Administration.

Microsoft Certified: Azure AI Fundamentals

Microsoft

Verify Certificate

May 2024

Advanced Learning Algorithms

DeepLearning.AI and Stanford Online

Certificate on Coursera

Mar 2023

Machine Learning A-Z™: Python and R in Data Science

Super Data Science

Certificate on Udemy

Mar 2023

Supervised Machine Learning Regression and Classification

DeepLearning.AI and Stanford Online

Certificate on Coursera

Jan 2023

Projects

Artificial Intelligence for Secure Remote Healthcare Monitoring

: GitHub Repository | Live Demo

- o Developed a prototype integrating an ensemble ML model with MedGemma 4b-it for disease prediction and clinical triage recommendations.
- o Achieved 95.2% accuracy and F1 score across 5 disease classes: asthma, diabetes mellitus, healthy, heart disease, and hypertension.
- o Built an interactive Streamlit Cloud app enabling patient vitals input, risk analysis, and AI-guided triage feedback.

PDF Merger App

: GitHub Repository | Deployed

- o Created a simple Streamlit web application that merges multiple PDF files into a single downloadable document.

- o Built with Python and deployed on Streamlit Cloud for free and fast online access.

Leadership Experience

- o President, Actuarial Science Students' Association (2017/2018)

Languages

English: Native

Arabic: Basic

References

Available on request