

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

Dubai, United Arab Emirates

Sales Officer, On-site

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

AOB District, Ghana

Software Development Consultant, Remote

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

Saint-Quentin, France

Azure Data Scientist, Remote

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

Accra, Ghana

Direct Sales Executive

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

Mbour-Thies, Senegal

Master of Mathematical Sciences in Data Science

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

Mississauga, Canada

Certificate of Effective Healthcare Management, Online

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

Microsoft Certified: Azure AI Fundamentals
Microsoft

Advanced Learning Algorithms
DeepLearning.AI and Stanford Online

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

Supervised Machine Learning Regression and Classification
DeepLearning.AI and Stanford Online
- Accra, Ghana**
Jan 2025 – Present

Verify Certificate
Sep 2025

Verify Certificate
May 2024

Certificate on Coursera
Mar 2023

Certificate on Udemy
Mar 2023

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