Amidu Dabor

📞 **Phone number:** (+254) 795455796   ✉ **Email address:** daboramidu93@gmail.com

📍 **Home:** 00100 Nairobi (Kenya)

ABOUT ME

I am a Software & AI/ML Engineer with over 3 years of technical experience, including building AI and data-driven solutions. I specialize in AI, generative AI, data science, backend development, and cloud computing (AWS, Azure) with expertise in Python, TensorFlow, Keras, Scikit-learn, serverless computing, and CI/CD. I build scalable AI and backend applications while ensuring compliance and ethical standards. I collaborate effectively across teams and seek opportunities to grow professionally while adding value.

SKILLS

AI & Machine learning

Generative AI / LLM Fine-tuining / AI Model Development / Optimization & Quantization / Python (TensorFlow, Keras, Scikit-learn) / Predictive modelling / RAG / Hugging Face / LangChain / NLP / Serverless AI Compute / AI Ethics & Compliance

Data Science & Analytics

Data Analysis / Data Preprocessing / Time Series Forecasting / EDA / Feature engineering / Pandas / NumPy / SciPy / Matplotlib / Seaborn / Tableau / Data-Driven Decision-Making

Software Development & Backend

Python (Django, Flask) / C++ (Optimization) / RESTful APIs / Microservices / SQL / NoSQL / Serverless Architectures / Docker / Git/ GitHub

Cloud & DevOps

AWS / Azure / Terraform / Ansible / Azure Resource Manager (ARM) / Bash/PowerShell / CI/CD Pipelines / Cloud Automation

Additional Skills

Mobile App Development (Flutter) / JavaScript / R / Java / Creative Writing / Cross-Functional Collaboration

WORK EXPERIENCE

Assistant IT/Convergent Billing System (CVBS) Engineer

QCell (SL) Ltd - A telecom provider offering 2G, 3G, LTE, and advancing IoT, cloud, and blockchain. [1 Apr 2021 – 30 Dec 2022]

City: Freetown | **Country:** Sierra Leone | **Website:** https://qcell.sl/ | **Email address:** zohene.jammeh@qcell.sl | **Name of unit or department:** IT/Convergent Billing System (CVBS) Department

- Optimized billing processing time significantly by automating SFTP file detection and retrieval using Python scripts and Cron jobs.
- Improved subscriber data management, accuracy and compliance by integrating Subscriber Data Configuration (SDC) devices with an ECR system.
- Enhanced customer satisfaction by providing timely technical support, Internet services, and effective billing management using the Convergent Billing System (CVBS).
- Maintained IT equipment and a 99.99% minimum network uptime by proactively monitoring performance and promptly escalating critical issues.

IT Engineer/ICT Trainer

Competency Development Services (CDS) - An IT and competency-based training institute. [4 May 2020 – 31 Mar 2021]

City: Freetown | **Country:** Sierra Leone | **Name of unit or department:** IT Department

- Enhanced student engagement and digital competency success significantly by delivering interactive ICT training.
- Provided seamless digital learning by achieving 99.99% device availability through proactive IT infrastructure maintenance.
- Improved overall student performance significantly by continuously updating and refining the ICT training curriculum.

PROJECTS

Technical & AI/ML Projects

Academic AI Assistant: An AI that offers personalized learning & knowledge access (RAG-based) / Python-to-C++ Converter: LLM-based Python-to-C++ translation / Autonomous Deal-Finder AI: multi-agent RSS alert system / Generative AI Summarizer: T5/GPT-based document summarization / Cancer Diagnosis Classifier: XGBoost-based tumor prediction / Social Ads CTR Predictor: targeted marketing / Customer Purchase Predictor: conversion rate classifier / AI Brochure Generator: structured data formatter / Startup Profit Analyzer: investment impact prediction / Helpdesk Support System: ongoing - responsive ticket-management web app using Python-Django, CSS, JavaScript.

Link: https://github.com/Amidu-Dabor/ProjectsEnv.git

EDUCATION AND TRAINING

Master of Science in Information Systems and Technology (Software Engineering concentration)

United States International University - Africa (USIU-Africa) [Jan 2023 – Current]

City: Nairobi | **Country:** Kenya | **Website:** https://www.usiu.ac.ke/ | **Field(s) of study:** Information and Communication Technologies: ● Software and applications development and analysis | **Thesis:** Design and Development of an AI-driven Chatbot for Enhancing Academic Support and Enquiry

Bachelor of Science (Honours) in Computer Science

Njala University [Oct 2016 – Jun 2020]

City: Freetown | **Country:** Sierra Leone | **Website:** https://njala.edu.sl/ | **Field(s) of study:** Computer Science | **Thesis:** Design and Implementation of a Computerized Child Care Information System

Higher Diploma in Information Technology

Njala University [Oct 2014 – Jun 2017]

City: Njala, Mokonde | **Country:** Sierra Leone | **Website:** https://njala.edu.sl/ | **Field(s) of study:** Information and Communication Technologies | **Final grade:** Distinction

HONOURS/AWARDS/CERTIFICATIONS/WORKSHOPS

Academic Awards & Professional Development

Honours/Awards

- BSc. Honours in Computer Science, Njala University, Sierra Leone: Graduated with Honours (Top 5% in Class) | Distinction in Internship & Final Year Research Project | Dean's List Recognition | Oct 2016 - Jun 2020
- Higher Diploma in Information Technology, Njala University, Sierra Leone: Graduated with Distinction | Consistently Top of Class (GPA up to 4.7/5.0) | Dean's List Recognition | Oct 2014 - Jun 2017

Certifications

- LLM Engineering: Master AI, Large Language Models & Agents, Udemy (2025) / Complete Data Science Bootcamp, Udemy (2025) / Microsoft Learn Student Ambassador "AI Bootcamp", Microsoft/DevTown (Participant - AI & ML Training) | Apr 2023 / Workplace Professionalism & Career Development, Riziki Source/Accenture (2025)

Workshops

- Experts Live Kenya 2024, Microsoft (Participant - Data & AI) | Jul 2024 / Google I/O Extended Nairobi 2024, Google (Selected Attendee - AI & Data) | Jul 2024 / Explore the Power of Technology with Ericsson, Ericsson (Participant - Tech Trends & Career Networking) | Sep 2024

LANGUAGE SKILLS

Mother tongue(s): Krio

Other language(s):

English

LISTENING C1 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user