

Amidu Dabor

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🐙 Github: <https://github.com/Amidu-Dabor/ProjectsEnv>

🌐 Website: <https://amidu-dabor.github.io/>

📍 Home: 00100 Nairobi (Kenya)

ABOUT ME

Results-driven Software Engineer with 3+ years' experience in telecom IT, AI, backend-focused full-stack development, and cloud solutions. Specialized in AI engineering, ML, data science, LLM deployment, automation, and production-grade system development. Delivers high-impact, production-grade solutions independently with minimal supervision, guided by ethical AI and effective team collaboration.

SKILLS

AI & Machine learning

AI Engineering / AI Automation / Generative AI / LLM Fine-tuning / AI Model Development / Optimization & Quantization / Python (Tensorflow, Keras, PyTorch, 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 / Power BI / Tableau / Data-Driven Decision-Making

Software Development & Backend

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

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 / Problem-solving & Attention to details / Ability to work independently / Cross-Functional Collaboration / Creative Writing

PROJECTS

Key AI, Software & Data Analytics Projects

Academic AI Assistant - RAG-based assistant for academic support | **Python-to-C++ Converter** - LLM-powered source-to-source translator for optimization | **Helpdesk Web App** - Django-based support system | **Deal-Finder AI** - Autonomous multi-agent deal finder with RSS alert capability | **AI Brochure Generator** - Structured summarization with transformer models | **HR Analytics Dashboard** - Tableau dashboard visualizing workforce metrics, salaries, and demographics | **Hotel BI Dashboard** - Power BI dashboard enabling hotel operational insights from AtliQ Grands dataset

Link: <https://amidu-dabor.github.io/projects/>

WORK EXPERIENCE

🏢 **QCell (SL) Ltd - A telecom provider offering 2G, 3G, LTE, and advancing IoT, cloud, and blockchain** – Freetown, Sierra Leone

City: Freetown | Country: Sierra Leone | Name of unit or department: IT/Convergent Billing System (CVBS) Department

IT/Convergent Billing System (CVBS) Engineer

[1 Apr 2021 – 30 Dec 2022]

- Delivered reliable service and ensured high customer satisfaction through timely support, internet services, and CVBS management for thousands of subscribers.
- Reduced manual workload and improved efficiency by automating SFTP file detection and retrieval using Python and Cron jobs.
- Maintained 99.99% network uptime through proactive monitoring and prompt escalation of critical issues.
- Improved subscriber data management and ensured regulatory compliance by integrating a Subscriber Data Configuration (SDC) device with an ECR system.

 **Competency Development Services (CDS) - An IT and competency-based training institute** – Freetown, Sierra Leone

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

IT Engineer/ICT Trainer

[4 May 2020 – 31 Mar 2021]

- Boosted student engagement and digital skills through hands-on, interactive ICT training.
- Maintained 99.99% device uptime, enabling seamless digital learning through proactive IT support.
- Elevated student performance by continuously enhancing and modernizing the ICT curriculum.

EDUCATION AND TRAINING

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

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

City: Nairobi | Country: Kenya | Website: <https://www.usiu.ac.ke/> | Level in EQF: EQF level 7 | NQF Level: NQF Level 9

Bachelor of Science (Honours) in Computer Science

Njala University [Oct 2016 – Jun 2020]

City: Freetown | Country: Sierra Leone | Website: <https://njala.edu.sl/> | Final grade: Honours | Level in EQF: EQF level 6 | NQF Level: NQF Level 8

Higher Diploma in Information Technology

Njala University [Oct 2014 – Jun 2017]

City: Njala, Mokonde | Country: Sierra Leone | Website: <https://njala.edu.sl/> | Final grade: Distinction | Level in EQF: EQF level 5 | NQF Level: NQF Level 6

HONOURS/AWARDS/WORKSHOPS

Academic Awards & Professional Development

Honours

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

Awards/Certifications

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

Workshops

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

LANGUAGE SKILLS

Mother tongue(s): Krio

Other language(s): English