

ABDULSAMAD MURTALA HARUNA

Data & Research Professional | Field Enumerator | AI Automation | Physics Graduate | I4G Alumni
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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Innovative and detail-oriented Physics graduate with over three years of multidisciplinary professional experience spanning data collection and research, field monitoring and evaluation, AI automation, blockchain technology, web development, and technical operations. Certified by UNICEF in Primary Data Collection, Collating & Cleaning Data, Data Analysis, and KoboCollect (2026). Proficient in KoboToolbox and KoboCollect for digital field data collection, with hands-on experience deploying surveys across seven Northern Nigerian states. Native Hausa speaker with deep contextual knowledge of Northern Nigerian communities enabling effective engagement with local stakeholders and field personnel. Recognised for analytical thinking, attention to detail, adaptability, and the ability to bridge scientific knowledge with practical technology applications.

KEY ACHIEVEMENTS

- Supported monitoring and educational outreach across 7 Northern Nigerian states, contributing to school enrolment tracking for out-of-school children over 3 years
- Deployed KoboCollect-based digital data collection tools for multi-state field programmes at Community Aid Connect
- Earned four UNICEF certifications in data specialisation within two months (May–July 2026), demonstrating rapid and targeted professional development
- Developed a scalable TypeScript-based NGO data collection platform (Base Metrics App) adopted by field facilitators and supervisors — live at GitHub
- Contributed across 5 professional domains: data research, field M&E, AI automation, electrical engineering, and blockchain technology
- Received formal letters of recommendation from Techbuild.Africa and the Kano Electricity Distribution Company (KEDCO)

PROFESSIONAL EXPERIENCE

Data Entry · Community Aid Connect · Remote

2024 – Present

- Collected, organised, and validated large programme datasets across 7 Northern Nigerian states, maintaining strict accuracy and completeness standards
- Deployed and administered KoboCollect-based surveys for field data collection across community health and education programmes
- Processed bulk data imports from field collection forms, validating format and completeness before entry into reporting systems
- Maintained data integrity and documentation standards in line with IATI open data compliance requirements
- Identified and corrected errors, duplicates, and outdated records — flagging anomalies to supervisors for timely resolution
- Analysed datasets to identify trends informing data-driven programme decision-making across Northern Nigeria
- Generated reports, dashboards, and visual summaries for internal and external stakeholders within agreed timelines
- Supported design and implementation of data collection tools, surveys, and M&E evaluation frameworks for multi-state field programmes

Data Entry Intern · Base Metrics Consulting · Remote

2022 – Present

- Entered and updated customer and operational data with high accuracy across multiple concurrent projects and tight deadlines
- Performed data cleaning, validation, and quality assurance on large multi-source datasets — identifying and correcting errors before downstream processing
- Collaborated with remote teams to deliver data projects within strict SLA windows
- Developed the Base Metrics Data Collection App (TypeScript) — a scalable NGO platform for field facilitators and supervisors
- Supported digital workflow improvements that reduced repeat data entry errors across operational processes

Data Research Analyst (Guest Contributor) · Techbuild.Africa · Remote

2023 – 2025

- Researched and authored editorial content on blockchain, Web3, and emerging tech ecosystems for a pan-African audience
- Conducted data-driven analysis to support technology reporting and content development initiatives
- Received a formal letter of recommendation from the Director, Digital City Tech Media Services Ltd.

Technical Data Engineer Intern · Kano Electricity Distribution Company (KEDCO) · Kano, Nigeria Aug 2024 – Jan 2025

- Assisted in the installation of 100kVA transformers and HT (33kV) and LT (11kV) line pole installations across the Kano distribution network
- Collaborated with engineers at injection substations to support efficient power distribution operations
- Installed and repaired electricity meters for residential and commercial customers
- Maintained technical operational records and supported grid efficiency reporting
- Received a formal letter of recommendation from KEDCO Technical Support Team

POS Terminal Officer · SS Isah Venture · Kano, Nigeria

2021 – 2023

- Processed daily customer transactions including cash withdrawals, money transfers, and bill payments via POS terminal
- Maintained accurate transaction records and daily reconciliation logs — ensuring zero discrepancy between terminal records and cash flow
- Handled customer data entry for transaction processing, demonstrating speed and accuracy in high-volume payment environments
- Developed practical familiarity with POS system operations, merchant payment workflows, and fintech service delivery

FEATURED PROJECTS

Base Metrics Data Collection App — Completed | [Live Demo](#) 

TypeScript-Based NGO Field Data Platform

- Developed a scalable data collection application for facilitators, supervisors, and NGO field operations
- Streamlines field data collection, reporting, and M&E management for large-scale programmes
- Technologies: TypeScript · Web Application Architecture · Data Collection Workflows

Radiative Forcing & Climate Sensitivity App — Completed | [Live Demo](#) 

Climate Research & Scientific Computing — Final Year Project, Northwest University Kano

- Built a scientific application analysing radiative forcing and climate sensitivity to evaluate greenhouse gas effects
- Grounded in undergraduate Physics research — computational modelling of climate data
- Technologies: TypeScript · HTML5 · CSS3 · Climate Data Analysis · Scientific Visualisation

UNICEF DATA CERTIFICATIONS — 2026

Four verified certifications issued by UNICEF via the Agora platform (Office of Emergency Programmes, EMOPS):

Primary Data Collection — UNICEF / Agora — EMOPS	2026
Collating and Cleaning Data — UNICEF / Agora — EMOPS	2026
Data Analysis — UNICEF / Agora — EMOPS	2026
Software Assessment Tool — KoboCollect — UNICEF / Agora — EMOPS	2026

ADDITIONAL CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

AI Automation Certified — Divverse Labs	2024
NITDA Blockchain Professional — NFT Certified — NITDA Nigeria	2024
Simplilearn Skill-Up Blockchain Developer — Simplilearn	2023
ISO/IEC 27001 — Information Security Management Systems — Alison	2023
IATI Data Protection Certificate — International Aid Transparency Initiative	2023
Introduction to Data Science — Digital Nigeria	2022
Microsoft Excel Fundamentals — Digital Nigeria	2022
HTML5 & Application Development — Digital Nigeria	2022
Software Development Fundamentals — Digital Nigeria	2022
Windows OS Fundamentals — Digital Nigeria	2022
YALI Network Leadership Certificate — YALI Network	2022
Whitefield Foundation Entrepreneurship & Employability Training — Whitefield Foundation	2021
Jobberman Soft Skills Training — Jobberman	2021
Ingressive 4Good (I4G) Alumni — I4G	2021
Supervisor Training — Digital Data Collection Tools, Mobile Reporting & Field Supervision — Base Metrics Consulting / Community Aid Connect	2026

TECHNICAL SKILLS

Data Tools: Microsoft Excel (Advanced), Google Sheets, KoboToolbox, KoboCollect, Google Forms, Database Management

Programming: TypeScript, JavaScript, Python, C++, HTML5, CSS3, React.js

Platforms & Tools: VS Code, Git & GitHub, Google Workspace, Microsoft Office Suite, POS Terminal Systems, AI Automation Tools

Emerging Technologies: AI Automation, Blockchain Development, Smart Contracts, Cloud Computing, Climate Technology

Data Standards: IATI Open Data Standards, ISO/IEC 27001 (ISMS), M&E Frameworks, Data Privacy & Security, NGO Reporting

Core Competencies: Field Data Collection, Survey Implementation, Data Entry & Validation, Data Cleaning & QA, Reporting & Documentation, Error Detection & Resolution

Languages: Hausa (Native), English (Fluent)

RESEARCH INTERESTS & FUTURE FOCUS

Artificial Intelligence & Automation · Climate Technology & Radiative Forcing · Blockchain & Web3 Systems · Renewable Energy · Cloud Computing · Scientific Computing · Data-Driven Decision Systems

EDUCATION

Bachelor of Science (B.Sc.) in Physics · Northwest University, Kano — Nigeria2026 — Awaiting Result

- Final-year research: Radiative Forcing & Climate Sensitivity — computational modelling of greenhouse gas effects
- Relevant areas: Scientific computing, data visualisation, mathematical modelling, quantitative analysis

Senior Secondary Certificate (SSCE) · Army Day Secondary School, Kano · 2017–2020

Primary School Certificate · T/Subyan Nursery and Primary School, Kano · 2008–2014

REFERENCES

Formal letters of recommendation available upon request from Techbuild.Africa and KEDCO.

Abdulyassar Murtala · MD/CEO, Base Metrics Consulting · abdulyassarmurtala@gmail.com