

## Okello George Okoth

### Data Management & Monitoring & Evaluation Officer

Mombasa, Kenya | [okoth603@gmail.com](mailto:okoth603@gmail.com) | +254790987845 | Male | 30th July 1997

### Professional Summary

Detail-oriented and tech-savvy professional with 5+ years of experience in data management, health informatics, and M&E systems. Proven track record in database administration, QA/QC processes, and technical automation. Adept at optimizing workflows, training teams, and ensuring data integrity for research and healthcare programs.

### Key Skills

- **Data Management:** Database administration, eCRF validation, data migration, and archival.
- **Technical Automation:** Scripting (Python, SQL), EMR configuration, and API integrations.
- **QA/QC:** Electronic record audits, discrepancy resolution, and compliance reporting.
- **Tools:** Kenya EMR, DWAPI, Kobo Collect, Power BI, GIS, Microsoft Office Suite.
- **Soft Skills:** Team collaboration, stakeholder training, and cross-functional communication.

### Professional Experience

#### Technical Virtual Assistant

*Freelance (Remote) | March 2025 – Present*

E-Commerce System Development: Built and deployed a Next.js/React.js art marketplace for Vince Ville Africa, featuring:

#### Health Information Technician

*International Center for Reproductive Health Kenya (ICRHK) | October 2024 – February 2025*

Portfolio:([Link](#))

- Upgraded Kenya EMR to v18.7.2 and DWAPI to v3.0.01, ensuring compliance with national standards.
- Provide technical support for healthcare IT systems, including Kenya EMR troubleshooting and user training.
- Automate data workflows using Python scripts, reducing manual entry time by 30%.
- Assist clients in configuring integrated health tools (Ushauri, AfyaStat) for optimized reporting.
- Develop standardized templates for data collection and reporting, improving consistency across projects using Kobo tool.

### **Data Assistant Officer**

*International Center for Reproductive Health Kenya (ICRHK) | January 2021 – September 2024*

- **Database Management:** Maintained 100% monthly data backups via DWAPI, ensuring zero data loss.
- **QA/QC Leadership:** Conducted routine audits of eCRFs and chart notes, resolving 98% of discrepancies.
- **Tool Development:** Designed skip-logic questionnaires in Kobo Collect for household surveys, reducing errors by 20%.
- **Reporting:** Generated monthly/quarterly reports using Kenya EMR for USAID's Stawisha Pwani program.
- **Team Collaboration:** Coordinated with clinicians and M&E teams to streamline data entry processes.

### **Monitoring & Evaluation Officer (Remote)**

*Water, Sanitation and Hygiene (WASH) | January 2019 – December 2024*

- Designed GIS-based water point maps in Nyakach, Kakamega and Kisumu counties, optimizing resource allocation for 50+ communities.
- Led 4 end-to-end data collection projects, from tool design (KoboCollect) to analysis and reporting.
- Designed **FGD guides with Kobo Collect skip-logic** for Livingstone International's household surveys

Portfolio:([Link](#))

- Led **12 FGDs** across 3 counties on WASH behaviors, with findings shaping county resource allocation
- Developed Python scripts to **automate coding of FGD transcripts** (NLP techniques), reducing analysis time by 35%

## Education & Certifications

- **BSc in Information Technology** | Technical University of Mombasa (2016–2021)
- **Software Engineering (Backend Dev)** | ALX Foundation (2023) | Python, C#, C
- **Monitoring & Evaluation** | University of Washington (2023)

## Technical Tools

- **Databases:** Kenya EMR, DWAPI, MySQL, MSSQL
- **Analytics:** Power BI, Excel, SPSS, R, JAPS
- **Programming:** Python (Pandas, NumPy), Javascript, NextJs, ReactJS

## References

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