

## Contact

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## Top Skills

Front-End Development

Database Management (SQL, NoSQL, Cloud Databases)

Technical Documentation & Reporting (Process Guides, SOPs, Training Manuals)

## Languages

English (Full Professional)

Swahili (Full Professional)

## Certifications

Get Connected

Ajira Digital Training Program

Certified Financial Risk Manager (FRM)

Monitoring and Evaluation

Linux Enterprise Professional Certification (LPIC-3)

# GEORGE OKELLO

Fullstack Developer | React & Next.js 15 | MERN + PERN | M&E Data Expert | Automation & BI | MongoDB | PostgreSQL | Sanity CMS

Mombasa County, Kenya

## Summary

Fullstack Developer | M&E Data Specialist | Passionate about Automation & BI

I'm a Fullstack Developer with a strong foundation in backend API development, data-driven web applications, and monitoring & evaluation (M&E). I specialize in building scalable, efficient solutions using React, Next.js 15, Node.js, Express, MongoDB, PostgreSQL, and Sanity CMS.

My superpower is bridging the gap between software engineering and data analytics. With a background in health informatics and experience working with NGOs and research organizations, I've supported digital health initiatives, automated reporting systems, and created platforms for real-time decision-making.

I've worked with platforms like KenyaEMR, KoboCollect, and Power BI to streamline health data processes. I've also built custom M&E dashboards, automated data cleaning workflows using Python/SQL, and contributed to tools that enhanced data quality and accessibility across multiple counties.

What I bring to the table:

Backend-first thinking with a frontend polish – APIs you love, UIs that convert.

Deep understanding of data automation and system integration, especially in NGO and health tech spaces.

Strong collaboration skills, having worked with cross-functional teams (M&E officers, developers, project leads, and health workers).

A proven ability to learn fast, adapt, and deliver remote-first digital solutions.

#### Tech Stack:

- Frontend: React, Next.js 15, Tailwind CSS, Sanity CMS
- Backend: Node.js, Express, REST APIs
- Databases: MongoDB, PostgreSQL
- Data Tools: Power BI, Python, SQL, KoboToolbox
- DevOps: Git, GitHub, CI/CD, Linux Servers

#### Industries I've served:

- Health (KenyaEMR, HIV/STI reporting)
- NGO & Humanitarian (M&E systems)
- Research & Academia (qualitative + quantitative data pipelines)
- Rental Tech (automated tenant systems & payment dashboards)

#### Strengths:

- Data Automation & Visualization
- Fullstack App Development
- System Integration
- Technical Support & User Training
- Monitoring & Evaluation Analytics
- Custom Form Design (Kobo, ODK)

I'm currently open to remote freelance or full-time opportunities in fullstack development, data automation, health informatics, or SaaS tools focused on impact.

Let's connect, collaborate, and create something meaningful.

#FullstackDeveloper #React #NextJS15 #MERN #PERN  
#PostgreSQL #MongoDB #SanityCMS #KenyaEMR  
#MonitoringAndEvaluation #KoboCollect #PowerBI  
#RemoteDeveloper #HealthTech #DataAutomation #TechForGood

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## Experience

Freelance | Self-Employed

Technical IT Support Specialist

December 2024 - Present (5 months)

Key Tools: Linux, SQL, Git, Web Hosting, Domain Configuration, DNS, Troubleshooting

Highlights:

Provide remote IT support for SMEs and NGOs with cloud hosting, website backups, and email setup.

Assist with DNS, SSL, domain migrations, and real-time issue resolution for React and Node.js applications.

Train clients on basic cybersecurity practices and technical troubleshooting.

### International Centre for Reproductive Health-Kenya

4 years 3 months

Health Information Management Technician

October 2024 - Present (7 months)

Mombasa County, Kenya

Key Tools: KenyaEMR, OpenMRS, SQL, Power BI, DHIS2

Highlights:

Maintain and troubleshoot health data systems (KenyaEMR) across facility-level sites.

Perform data cleaning and real-time validation for HIV/STI programs.

Generate routine M&E reports and ensure accurate EMR backups and syncs with national systems.

Data Assistant Officer

February 2021 - September 2024 (3 years 8 months)

Mombasa, Kenya

Key Tools: KoboToolbox, Power BI, Python, SQL, DHIS2

Highlights:

Designed Kobo forms for SRH surveys, synced with data dashboards for field monitoring.

Cleaned and analyzed large datasets for donor reporting.

Supported program teams in monthly reporting, audits, and quality assessments.

### Living Water International

#### Monitoring And Evaluation Officer

January 2021 - July 2024 (3 years 7 months)

Key Tools: KoboCollect, Power BI, Excel, GIS Mapping

Highlights:

Oversaw M&E strategies for water and sanitation projects in rural Kenya.

Created real-time dashboards and trained field teams on mobile data collection.

Built project logframes, developed KPIs, and tracked indicators using Power BI.

### ICT Authority

#### Developer and Analyst

January 2020 - June 2020 (6 months)

Kenya

Key Tools: SQL, Python, IAM, Excel, Power BI

Highlights:

Designed small-scale identity access management systems.

Analyzed user access logs and generated reports for compliance reviews.

Supported data migration and app integration projects for government agencies.

### Kenya Ports Authority

#### Information Technology Internship

May 2019 - August 2019 (4 months)

Mombasa, Kenya

Key Tools: Active Directory, Networking, MS Access, Hardware Support

Highlights:

Supported the IT helpdesk with troubleshooting user issues and basic server maintenance.

Assisted in configuring printers, routers, and internal email systems.

Documented and updated IT inventory and user access rights.

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## Education

Technical university of Mombasa

Information Technology, Information Technology · (September 2016 - February 2021)