

HASSAN SIDIQUE KONNEH

• +23276458340 • hssnknkh@gmail.com • <https://www.linkedin.com/in/hskonneh/> • Freetown
• Sierra Leone • West Africa.

Key Achievements and Expertise

- Built a central lightweight database system that improved faster and easier access to data by 85%, data integrity by 75%, better collaboration and scalability by 45%.
- ODK Form Development and Deployment: Increased data collection efficiency by 30% using ODK forms ensuring data security and privacy.
- Data Collection Skills Training: Trained over 50 field staffs resulting in 95% compliance rate.
- Utilized QGIS to enhance spatial data analysis, enabling team members and stakeholders to easily find locations with 30% greater efficiency compared to previous methods.

Professional Experience

Junior Database Management Specialist

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GMBH -

Sierra Leone

May 2023 – Present

Responsibilities and Achievements:

- **Project Monitoring & Oversight:** Acted as the primary focal point for project monitoring, overseeing field data collection processes and ensuring adherence to established guidelines and methodologies.
- **GIS & Data Management:** Utilized GIS tools, including Google Earth Pro, to verify and assess the geographic accuracy of collected data, ensuring precision in the spatial aspects of the data.
- **Data Collection Coordination:** Managed and supervised data collection teams, training field staff on best practices and the use of data collection tools such as KoboCollect, ensuring efficient and reliable data capture in the field.
- **Data Integration & Harmonization:** Led efforts to integrate and harmonize data between various departments (M&E, Communications), ensuring consistency and compatibility for comprehensive analysis and reporting.
- **API & Data Flow Management:** Designed and managed APIs to facilitate seamless data flow from field staff to central systems, ensuring accurate and timely data for analysis and decision-making.
- **Data Visualization & Reporting:** Developed interactive dashboards, reports, and semantic models using Microsoft Power BI, providing stakeholders with real-time insights into project performance.
- **Data Validation & Quality Control:** Implemented rigorous data validation techniques, ensuring data integrity by cross-checking field data for accuracy, consistency, and reliability.
- **KoboCollect Questionnaire Updates:** Regularly updated and optimized KoboCollect forms and questionnaires for efficient data collection, ensuring that they met project requirements and were user-friendly for field staff.
- **Field Data Analysis:** Analyzed and interpreted field data to identify trends, challenges, and areas for improvement, producing actionable recommendations for project optimization.
- **Capacity Building & Training:** Delivered targeted training sessions to field staff on data collection methodologies, focusing on improving data accuracy, efficiency, and reporting standards.

Data Analyst Intern

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GMBH -
Sept 2022 – Apr 2023

Sierra Leone

Responsibilities and Achievements:

- **Database Management:** Created and implemented a centralized departmental database, enhancing data organization and reporting capabilities.
- **Field Staff Supervision:** Supervised and coordinated field staff to ensure effective and accurate data collection in alignment with program objectives.
- **Data Monitoring & Quality Assurance:** Monitored data collection processes to ensure timely, accurate, and consistent data submission from the field.
- **Device Management:** Managed and maintained program data collection devices, ensuring their functionality and minimizing operational disruptions.
- **Capacity Building & Training:** Delivered targeted training sessions to field staff on data collection methodologies, focusing on improving data accuracy, efficiency, and reporting standards.

Digital Soft Skills Trainer Intern

Orange Telecommunication Network, Sierra Leone [Orange Digital Center] –
Aug 2022 – Sept 2022

Sierra Leone

Responsibilities and Achievements:

- **Training Program Development:** Designed and implemented a comprehensive training curriculum to enhance students' digital soft skills, ensuring alignment with program goals.
- **Assessment & Monitoring:** Conducted regular assessments to evaluate students' understanding and comprehension, providing actionable feedback to improve learning outcomes.
- **Performance Tracking:** Monitored student progress and identified areas for improvement, contributing to the ongoing refinement of training methods and materials.
- **Data Analysis & Reporting:** Analyzed training performance data to identify trends and areas needing adjustment, ensuring the program met its learning objectives.

District Data Quality Management Officer

Statistics Sierra Leone (Stats SL),
Dec 2021 – Feb 2022

Sierra Leone

Responsibilities and Achievements:

- **Data Monitoring & Quality Assurance:** Ensured daily synchronization of field data to the Head Quarter server and conducted regular data checks for errors and inconsistencies.
- **Error Identification & Resolution:** Conducted thorough data reconciliation between tablets and server, identifying and resolving discrepancies such as duplicates, gaps, and incomplete interviews.

- **Field Supervision & Support:** Provided on-the-ground support to supervisors in syncing data, addressing connectivity challenges, and ensuring accurate data collection practices.
- **Progress Tracking & Reporting:** Generated daily reports to track work progress for each enumerator and team, ensuring the timely completion of tasks and identifying any areas needing attention.
- **Field Validation & Issue Resolution:** Undertook field visits to validate supervisors' work, providing corrective actions where necessary to improve data quality and accuracy.
- **Data Management & Backup:** Managed and backed up data on all tablets assigned to the team, safeguarding data integrity and ensuring secure records.
- **Collaboration & Escalation:** Worked closely with the Head Quarter Data Quality Management Team, escalating unresolved data issues for further action and resolution.
- **Population Enumeration Oversight:** Ensured accurate enumeration of all structures and populations, ensuring no discrepancies in data for both household and non-household populations across assigned Enumeration Areas.
- **Consistency & Completeness:** Ensured that all Enumeration Areas had no missing data, partial saves, or duplicate entries, and that all localities were accounted for in the enumeration process.

Electronic Tablet Provisioning Assistant

Statistics Sierra Leone, A.J. Momoh Street, Tower Hill PMB 595 –

Sierra Leone

Nov 1st 2021 – Nov 30th 2021

Responsibilities and Achievements:

- Successfully reprogrammed data collection tablets.
- Configured tablets including installation of data collection software using Ubuntu software and QR Code scanning system.

Geographic Information System Officer

Statistics Sierra Leone, A.J. Momoh Street, Tower Hill PMB 595 -

Sierra Leone

Sept 2021 – Oct 2021

Key Responsibilities and Achievements:

- Validated and verified Enumeration Areas, locality areas, and buildings to ensure accurate and comprehensive mapping for census activities.
 - Assigned geo-codes and unique identities to regions, districts, chiefdoms, localities, and other geographical units, ensuring precise geographic classification for data collection and reporting.
 - Organized and grouped supervisory areas for the mid-term population census, optimizing field operations and monitoring processes.
 - Identified, checked, and corrected topology errors, ensuring the integrity and accuracy of spatial data used in census reporting and analysis.
 - Developed and created MBTiles for mid-term population census, contributing to efficient data visualization and accessibility for field teams.
-

GIS Data Cleaner

Statistics Sierra Leone, A.J. Momoh Street, Tower Hill PMB 595 -

Sierra Leone

July 2021 – Aug 2021

Responsibilities and Achievements:

- **Data Validation & Quality Assurance:** Reviewed and verified key geographic data, ensuring the correct population size, Enumeration Area (EA), buildings, points of interest, roads, and drainage attributes were accurately recorded.
- **Data Correction & Integrity:** Identified and corrected discrepancies in geographic datasets, ensuring completeness and consistency of the data, which is essential for accurate monitoring and reporting.
- **Data Accuracy & Reporting:** Contributed to data integrity by ensuring all geo-referenced data was up-to-date, improving the quality and reliability of monitoring reports.

Geographic Information System Officer

Statistics Sierra Leone, A.J. Momoh Street, Tower Hill PMB 595 -

Sierra Leone

Mar 2021 - June 2021

Responsibilities and Achievements:

- **Operations Coordination & Supervision:** Managed and coordinated GIS operations at the district level, overseeing the work of GIS assistants and ensuring accurate and efficient data digitization and processing.
- **Data Management & Conversion:** Downloaded, processed, and converted data from tablets into Excel format, ensuring proper population in the database and contributing to the overall success of monitoring efforts.
- **Boundary & Code Generation:** Collaborated with district coordinators to generate SA Boundaries and finalize Enumeration Area (EA) and SA codes, ensuring accurate mapping for monitoring and reporting purposes.
- **Monitoring & Reporting Support:** Supervised and guided GIS assistants in digitizing final data, ensuring that the dataset adhered to monitoring standards and provided reliable information for decision-making.

Consultancy Experience

Designation: Data Admin and Management Consultant

Freelance

Oct 1st 2024 – Oct 31st 2024

Responsibilities and Achievements:

- Adapted survey questionnaires which increased the understanding and administering rate for participants.
- Built, uploaded and deployed data collection forms using ODK form and logic.
- Introduced and ensured data privacy and security.
- Configured all data collection devices.
- Trained field staffs.
- Supervised data collectors and monitor incoming data.

Education

Pure and Applied Economics (B.Sc. Hons) - Fourah Bay College University of Sierra Leone.

Professional Qualifications

Monitoring Evaluation and Learning Essentials – DISASTER READY [show credential](#)

Data Protection - GIZ [show credential](#)

Information Security - GIZ [show credential](#)

Project Management Essentials – DISASTER READY [show credential](#)

Training of Trainers - UNITAR [show credential](#)

Spatial Data Science: The new frontier in analytics - ESRI [show credential](#)

Cartography in QGIS [show credential](#)

Introduction to Data Engineering – IBM [show credential](#)

Google Advanced Data Analytics foundation – GOOGLE [show credential](#)

Full Stack Web and Mobile Development – SIMPLONLINE [show credential](#)

Google Cloud (google sheets) - GOOGLE [show credential](#)

Professional Skills Programme [show credential](#)

Language: English.

Key Skills:

- Quantitative Analysis – conducting statistical analysis, and impact assessment using tools like Excel, Python.
- Qualitative Analysis - Designing and conducting interviews and thematic data analysis.
- Data Collection and Management – Developing and implementing frameworks, ensuring accurate data gathering through surveys, dashboards and MIS systems. Tools – Kobo Toolbox.
- Business Intelligence and Reporting - Creating real-time dashboards, data visualizations, and reports using Power BI, GIS tools for decision-making.
- Performance Monitoring and Evaluation – Applying mixed-methods approaches to assess project outcomes and inform strategic planning.
- Proficiency in Microsoft Office Suite (Word, Excel, PowerPoint, Lists, Teams, Power tools)
- Data analysis and visualization (using python, powerBI)
- Team leadership
- Presentation and communication
- Collective Problem-Solver
- Initiative – Taking

REFEREES

Joseph Bobor Michael,
Senior Private Sector Development Advisor – Facility for Growth,
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Sierra Leone.
Phone | +232 79 255 202 / +232 78 819 118.
Email | joseph.michael@giz.de

Priscilla Okechukwu,
Head of B2B Pre-sales.
Orange Telecommunication Network, Sierra Leone.
Phone | +232 76 450921.
Email | Priscilla.Okechukwu@orange-sonatel.com

Adebayo Olatubosun,
National Bureau of Statistics, Nigeria.
Phone | +234 813 803 1124.
Email | Adebayoolatubosun10@gmail.com