Kisitupaul34@gmail.com
Kampala, Uganda
+256764428293
+256752232585

KISITU PAUL WALUSIMBI

LinkedIn|Twitter|Github|Kisitu

CAREER OBJECTIVE

Future-focused IT Specialist with a passion for building AI-powered, data-driven systems that solve real-world problems. With hands-on experience across public health, local government, and private sectors, I specialize in crafting scalable solutions using Python, SQL, Power BI, and cloud platforms like AWS and Azure. I bring a sharp eye for automation and a deep love for using tech to empower smarter decision-making. Outside work, I lead youth ICT mentorship programs and advocate for tech-led health innovation.

EDUCATION

Degree in Applied IT   ISBAT UNIVERSITY   September 2023 - December 2024

CERTIFICATIONS

- Power BI – Code Camp South Africa (2024)
- Web Development – APTECH School of Computing (2021)
- Data Analysis with DHIS2 – MOH Uganda/WHO (2024)
- Big Query & Workplace Management – Google Cloud (2024)
- Certificate in Prompt Engineering – Anthropic (2024)
- Data analytics using SQLand Python

SKILLS

Programming Languages:	**Backend Technologies:**	**Databases:**
JavaScript,Python,R,Django	Django,Firebase	PostgreSQL, SQL Server Mongo DB
Soft skills: Leadership, Problem-Solving, Team Coordination, Adaptability	**Version Control:** Git & GitHub,	**Cloud & DevOps:** AWS, Docker

EXPERIENCE

Front-End Engineer - Spenderventures UG   **November 2023 – May 2024**

I developed a responsive React dashboard designed to support over 120 farmers across two districts. The dashboard provides an intuitive and accessible interface, ensuring that farmers can easily access critical agricultural data from any device. To enable real-time updates, I integrated Firebase, which allowed for live tracking of crop growth stages and weather conditions. This immediate access to accurate information empowered farmers to make quicker, more informed decisions, ultimately leading to a 40% improvement in the speed of their harvest planning.

Database Engineer - Masaka District local government (Health Dept)   **November 2023 – December 2024**

I developed an inventory database to track over 200 pieces of equipment and vehicles, improving data organization efficiency by 35% for the health department. At the same time, I earned a certificate in data manipulation and cleaning using DHIS2 (District Health Information System), boosting my data management

skills by over 40% and enhancing audit readiness across departmental records.

Help Desk Support - Masaka District local government   November 2023 – December 2024
I resolved daily system and network issues across all departments within the district local government, ensuring consistent operational support. To enhance efficiency, I developed Python scripts to automate routine reporting tasks, resulting in a 35% reduction in IT resolution time.

DATA ANALYST: Ongoing Projects (DHIS2 / Power BI / Big Query)
♣ Designed and developed health dashboards for donor-funded projects using DHIS2, Power BI, and Big Query, ensuring real-time visibility into key health indicators.
♣ Conducted data extraction, cleaning, and transformation processes to prepare datasets from district health information systems, applying best practices for data quality and integrity.
♣ Streamlined data visualization and reporting workflows, enabling a 25% faster feedback loop between field operations and policymakers.
♣ Collaborated with health department teams and donor representatives to customize dashboards for project-specific KPIs, improving responsiveness and policy decision-making.

PROJECTS

SHEETSYNC ANALYZER (ISBAT Final Project)   *September 2024*

• Developed **Sheet-Sync Analyzer** as my ISBAT University final project — a Django-based system using Python and JavaScript to automate cross-sheet analysis, error detection, and visual summary generation for health reporting data.

• Improved data accuracy and reporting efficiency by automating the comparison of Excel sheets, leveraging libraries like **Pandas** and **Chart.js** for backend processing and front-end visualization.

Parish Supervisor – UBOS Census 2024   *March 2024*

• Managed 120 enumerators across 2 parishes, ensuring efficient operations and strict adherence to protocols.

• Achieved **100% team attendance** and ensured full compliance with all census procedures, contributing to the smooth execution of the project.

Yellow Fever Campaign – Data Entrant Supervisor   *February 2024*

•   oversaw the entry of **10,000+ vaccine records**, ensuring timely and accurate data collection.

• Maintained **99.7% data accuracy** using DHIS2, contributing to the campaign's effectiveness and streamlined reporting.

Research Assistant for Strong Minds Uganda   *June 2024*

• supported the National Referral's Mental Health KAP survey, assisting with data collection and analysis.

• Cleaned and processed survey data using **Power BI**, **SPSS**, and **Excel**, ensuring accuracy and reliability for further research.

COMMUNITY & LEADERSHIP

- Youth ICT Mentor & Health Tech Advocate
- Football Community Volunteer
- Active contributor in regional tech forums

REFEREES

- **Mr. Kabugo Dennis** – Clerk to Council, Masaka District | kabugodp@gmail.com
- **Mr. Sseruyange Martin** – Biostatistician, Masaka District | biostatmasaka@gmail.com
- **Ms. Sarah Apio** – Program Manager, Strong Minds Uganda | sapio@strongminds.org

  Other referees will be availed upon request