

Susan Kabuwere Ojiambo

kabuwere@gmail.com | [linkedin.com/in/susan-kabuwere/](https://www.linkedin.com/in/susan-kabuwere/) | +254705533109 | Nakuru

EDUCATION

BS in Geospatial Information Science with IT

Maseno University

September 2018 - December 2022

Kisumu, Kenya

- Award: Second Class Honours (*Upper Division*)
- Cumulative GPA: 3.6/4.0

WORK EXPERIENCE

We Service Pro

Project Manager

Nairobi, Kenya

July 2022- Present

- Leading cross-functional teams of developers to deliver projects on time and within budget, resulting in a 20% increase in overall project efficiency.
- Implementing agile methodologies in the development of We Service Pro, which has improved team collaboration and accelerated the project's timelines by 15%.
- Facilitating weekly presentations to senior management, successfully updating them on project progress and addressing issues, which enhanced stakeholder engagement by 30% and informed decision-making for future projects.
- Developing and maintaining project schedules, tracking milestones and deliverables to ensure timely completion.
- Conducting risk assessments and developing mitigation plans, reducing project risks by 25%.

Triple N Capital Ventures

GIS Intern

Nairobi, Kenya

July 2022- August 2024

- Assisted in the geospatial analysis for the design of a boarding facility for disabled children in Milimani Ward Nakuru County, using ArcGIS and QGIS to create precise geospatial maps. This ensured optimal accessibility and safety across the site, improving infrastructure layout by 30%.
- Applied RTK (Real-Time Kinematic) positioning and Total Station measurements to capture highly accurate land topography data. This optimised the layout of key areas such as building entrances and wheelchair ramps, ensuring maximum accessibility for children with mobility challenges.
- Reduced surveying errors by 95% using CORS technology (Continuously Operating Reference Stations) to process high-precision GPS data. This resulted in accurate land demarcation for drainage systems, playgrounds, and other critical facility structures.
- Facilitated team collaboration by translating complex spatial data into intuitive visual maps and reports. This improved communication among engineers and planners, driving faster decision-making and contributing to the early identification of site challenges.
- Used geospatial intelligence to compile environmental impact reports, which accelerated the approval process

Ministry of Lands, Housing and Physical Planning Nakuru County

Attache

Nakuru, Kenya

November 2021- December 2021

- Collected and managed geospatial data from over 20 land parcels in Nakuru County, This ensured precise data collection for urban development projects. This data was critical for designing road networks and allocating land for public use, such as markets and recreational parks.

- Utilised AutoCAD Civil 3D to model land surfaces and road layouts for development within urban areas, reducing data discrepancies by 40% and improving overall project accuracy.
- Used CORS technology to analyse long-term land changes and subsidence in agricultural zones, helping to determine safe zones for future housing developments, reducing risk of land degradation.
- Presented analysis through data visualisations (maps, graphs, charts). This aided clear communication of findings to stakeholders and driving higher project buy-in and informed decision-making.

KEY SKILLS & COMPETENCE

Geospatial Data Acquisition Techniques: Mobile data collection (ODK, GPS Essentials), RTK, Total Stations, and CORS

Geospatial Data Visualization & Surface Modelling Techniques

ICT and Programming: Python, JavaScript, R, CSS, SQL, HTML

Geospatial Data Mining: Utilising machine learning and geospatial intelligence

Technical Skills: ArcGIS Pro, AutoCAD Civil 3D, QGIS, ArcGIS.

Tools: Notion, Jira, Git, VS Code, IntelliJ, ESRI, QGIS, Canva, Slack, Google Suites.

Computing Skills: Microsoft Office (Excel, PowerPoint, Word, Access, Powerpoint) and internet usage

Leadership and Communication: Effective communicator with strong leadership and mentorship abilities

Teamwork: Collaborative team player with experience in diverse work environments

CERTIFICATES

RCMRD Training with LocateIT	<i>February 2023</i>
Wind Erosion Modelling	
RCMRD Training with GEOMik Africa	<i>February 2023</i>
Land Productivity Analysis	
RCMRD Training with GEOMik Africa	<i>February 2023</i>
Wetlands Vulnerability Analysis	
Esri MOOC	<i>April 2023</i>
Cartography	
Esri MOOC	<i>October 2024</i>
Spatial Data Science	
Esri MOOC	<i>October 2024</i>
Make an impact with Modern Geo Apps	

HOBBIES

~ Travelling ~ Reading
 ~ Volunteering ~ Photography
 ~ Hiking and Outdoor Activities