

ENOCK SUTER
Geospatial Engineer

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Key Qualifications

- Experience in telecom utility planning
- Strong Background in GIS

Education

2011-2015	Kenya Secondary School Certificate(A-) <i>Nakuru High School - Nakuru, Kenya</i>
2016-2023	Bachelor of Engineering: Geospatial Engineering (2nd Class Upper division) <i>Technical University of Kenya - Nairobi, Kenya</i>

Course work.

Cartography, Remote sensing, GIS, Land surveying, Spatial Analysis, Photogrammetry, Data Visualization, Web mapping, Databases. Web GIS.

Technical Skills

Programming Languages/Tools	Python, JavaScript, Html, CSS, PostGIS, SQL, Git, PostGress SQL.
Software	QGIS, GRASS GIS, ArcGIS Suite, Global Mapper, Google Earth Pro
Frameworks/Libraries	React, Django, Leaflet, Bootstrap, Maplibre, GDAL

Work Experience

Dec 2023-February 2024	Intern <i>Geonet Technologies Limited, Nairobi</i> <ul style="list-style-type: none">• Preparation of professional maps using GIS software.• Support geospatial data collection and management for fiber infrastructure.• preparation of infographics for project presentations and reports.• Perform Spatial analysis for optic networks to optimize routes and connectivity.• Use CAD software to develop plans, layouts, and technical drawings based on specifications provided by engineers to define routes for fiber.
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March 2024-March 2025	Survey and Design Technician <i>Geonet Technologies Limited, Nairobi</i> <ul style="list-style-type: none">• Route Planning using geographical data and utility maps to identify optimal fiber cable routes• Develop detailed fiber network architecture, including core, distribution, and access layers using AutoCAD, QGIS, Global mapper and Google earth software's (HLDs and LLDs)• Conducting site surveys, updating existing and new infrastructures to as-builts using red lines.• Ensure network designs meet current and future capacity.• Ensure Safety by design is complied by Preparing EHS documentation for new scopes before implementation.• Prepare detailed BOQS and BOMS for fiber installations.• Preparing ROW for necessary permits and ensure county and national government regulations.
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Affiliations
Languages

Institution of Surveyors of Kenya (GIS Chapter)
English, Kiswahili.

Key Accomplishment. **Survey and Design for KPLC ADSS Fiber Network Extension Project Phase V Lot 1**

Referees

Joseph Kariuki GIS Consultant Nairobi Kenya Joehene@@gmail.com Tel; +254728268436	James Murano, Lecturer Technical University of Kenya, Nairobi, Kenya Tel: +254721519302	Ednah Tanui Geonet Technologies Limited Wayleave and Permit Officer Nairobi, Kenya Ednajelagat2014@gmail.com Tel: +254711663362
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