

Contact

Kasarani, Nairobi County
+254712574619 (Work)
kimbethwel587@gmail.com

www.linkedin.com/in/bethwel-kimaru-58bbaa1b6 (LinkedIn)

Top Skills

Financial Analysis
Pricing Strategy
Management

Certifications

CoM SSA Sustainable Energy
Access and Climate Action Plan
(SEACAP)

From Drone to AutoCAD: The
Workflow

Computer Hardware Basics

Business Analysis & Process
Management

1MT HP - Mentorship

Bethwel Kimaru

Engineering & Research | CAD Modeling | Electrical Systems
| Technical Training | Industrial Automation|Dual TVET |Youth
Empowerment

Nairobi County, Kenya

Summary

Passionate about bridging technical expertise with practical applications, I specialize in CAD modeling, electrical systems, and instrumentation. With experience in technical drafting, research, and engineering education, I create precise designs and contribute to data-driven engineering projects.

Experience

MOTION CONTROL ENGINEERING SERVICES LIMITED

1 year 4 months

Learning and Development Manager

September 2025 - Present (11 months)

Nairobi County, Kenya

- Delivered hands-on training in PLC programming, HMI design, SCADA basics, and industrial wiring.
- Developed comprehensive training manuals and assessments to enhance learning outcomes.
- Conducted practical lab exercises, successfully training over 50 technicians and engineers, boosting their competency by 40%.

Field Service Technician

April 2025 - February 2026 (11 months)

Nairobi County, Kenya

- Installed, configured, and commissioned PLCs, HMIs, VFDs, servo drives, control panels, and industrial sensors.
- Executed troubleshooting and diagnostics for automation faults and electrical issues.
- Performed preventive/corrective maintenance to improve system uptime.
- Supported industrial clients in manufacturing, utilities, FMCG, and processing.
- Prepared detailed service reports and wiring diagrams.

Energy & Automation LTD

Technical Consultant

September 2024 - February 2026 (1 year 6 months)

Nairobi County, Kenya

Proficient in creating detailed technical drawings and schematics using CAD software (AutoCAD, SolidWorks, Revit).

Collaborated with engineers and architects to develop accurate blueprints for construction and manufacturing projects.

Revised and updated existing technical drawings to meet evolving design specifications and industry standards.

Ensured compliance with safety codes and engineering regulations in all drafted designs.

Generated both 2D and 3D models to provide comprehensive visual representation for project stakeholders.

3D Communications Africa

Research Assistant

May 2024 - November 2024 (7 months)

Nairobi County, Kenya

Designed and conducted over 50 surveys, increasing client satisfaction by 15%.

Analyzed survey data using SPSS and Excel, identifying key trends and presenting findings to senior management.

Improved response rates by 20% through targeted survey questions.

Assisted in the creation and distribution of online surveys, achieving a 30% higher response rate compared to previous campaigns.

Compiled and cleaned survey data, ensuring accuracy and reliability for further analysis.

Software Developer

Virtual Assistant/ Software Developer

September 2023 - November 2024 (1 year 3 months)

Memphis, Tennessee, United States

Provided technical support and developed software applications, improving system efficiency by 20%.

Managed IT infrastructure and optimized LinkedIn profiles to enhance professional branding.

Scheduled appointments and managed calendars efficiently.

Developed compelling presentations with visual enhancements.

Delivered exceptional customer service, resolving inquiries and handling challenging interactions.

Maintained and updated databases for accurate information retrieval.

d.light

Sales Representative

April 2021 - August 2023 (2 years 5 months)

Eldoret, Uasin Gishu County, Kenya

Sales Generation: Consistently exceeded monthly and quarterly sales targets by actively engaging with customers and demonstrating the value of d.light's solar energy products. Utilized a deep understanding of solar technology to tailor sales pitches to the specific needs of both individual customers and business clients, contributing significantly to revenue growth.

Customer Relationship Management: Developed and maintained strong relationships with clients and distributors, ensuring high levels of customer satisfaction and repeat business. Provided excellent post-sale support by addressing concerns, troubleshooting issues, and offering guidance on product maintenance, which helped build long-term trust with customers.

Market Expansion: Played a key role in expanding the company's market presence by identifying and penetrating new off-grid and underserved regions. Conducted thorough market research to understand the specific energy needs of communities, which allowed for strategic targeting and increased sales opportunities.

Product Demonstrations: Delivered effective product demonstrations and training sessions to educate customers on the benefits, use, and maintenance of solar home systems and accessories. Ensured potential buyers fully understood the value of adopting sustainable energy solutions, driving higher conversion rates.

Kenya Power

Engineering Technician

May 2023 - July 2023 (3 months)

Eldoret, Uasin Gishu County, Kenya

Conducted troubleshooting tests on distribution lines, reducing mechanical faults by 25%.

Performed regular inspections and preventive maintenance on distribution lines to ensure system reliability.

Carried out comprehensive site surveys, collecting and recording geo-mapping data to support design and construction projects.

Evaluated transformer performance, conducting repairs and implementing improvements to enhance efficiency and longevity.

Kenya Medical Training College

Teaching Intern

April 2022 - August 2022 (5 months)

Eldoret, Uasin Gishu County, Kenya

Delivered comprehensive lessons in engineering drawing and electronics, improving student exam scores by 15%.

Prepared relevant learning materials tailored to the course curriculum and maintained accurate student records.

Organized and conducted hands-on training sessions, providing students with practical experience to reinforce theoretical knowledge.

Managed general office tasks, including documentation, scheduling, and communication, to support efficient daily operations.

Education

University of Eldoret

Bachelor of Education (Technology Education), Electrical, Electronic and Communications Engineering Technology · (September 2019 - November 2023)

Strathmore University

Clean Energy Entrepreneurship, Solar Energy Technology · (May 2026 - May 2026)