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JEFF MURITHI

—ELECTRICAL ENGINEERING TECHNICIAN

PROFILE

Dedicated Electrical & Electronics Engineering technician specializing in power systems and energy distribution. Experienced in inspecting, installing, and maintaining electrical infrastructure to meet safety and regulatory standards. Skilled in technical drawing, embedded systems, and modern tools that support reliable and efficient energy operations. Committed to enhancing system performance and contributing to sustainable energy solutions.

EDUCATION

2018 - 2022
THE TECHNICAL UNIVERSITY OF KENYA

- Diploma in Electrical and Electronics Engineering
- Credit Upper Division

2014 - 2017
GIKURUNE BOYS SECONDARY SCHOOL

- Kenya Certificate of Secondary Education

CERTIFICATIONS

2/2025 - 6/2025
INTERNATIONAL YOUTH FELLOWSHIP KENYA

- Computer Programming Certificate

6/2021
NATIONAL INDUSTRIAL TRAINING AUTHORITY

- Grade 2 Certificate of Electrical Wireman

12/2019
NATIONAL INDUSTRIAL TRAINING AUTHORITY

- Grade 3 Certificate of Electrical Wireman

1/2018 - 3/2018
ST. PETERS COMPUTER COLLEGE

- Certificate of Computer Studies

SKILLS

- Embedded Systems
- Computer Programming
- Teamwork and Clear Communication
- Electrical Safety Proficiency
- Power System Analysis
- Circuit Design and Troubleshooting
- MATLAB and AUTOCAD Proficiency
- Website Development

LANGUAGES

- English (Fluent)
- Swahili (Fluent)

WORK EXPERIENCE

- Kenya Power and Lighting Company

July 2025 - Present

Technician-Installation Inspector

 - Conducting general inspections and verification of installed energy meters to ensure accuracy and compliance.
 - Installing new meters and replacing faulty or tampered meters for customers.
 - Preparing detailed reports on damaged equipment and incidents caused by power surges.
 - Performing disconnection and reconnection of power supply as required.
 - Conducting preliminary energy audits for domestic customers when requested.
 - Carrying out installation verification tests in line with IEEE regulations to maintain quality and safety standards.
- Ascot Industry Limited

May 2023 - July 2025

Electrical Maintenance Technician

 - Operated machinery efficiently and safely
 - Responded to electrical emergencies
 - Conducted routine maintenance, troubleshooting, and repairs
 - Inspected finished products for quality assurance
- Domestic and Commercial Installations

April 2022 - May 2023

Electrician

 - Installed, maintained, and repaired electrical systems on construction sites
 - Interpreted blueprints and technical diagrams for proper installations
 - Assembled and tested electrical panels, breakers, and transformers
 - Resolved electrical issues to minimize delays
- Kenya Power and Lighting Company

January 2022 - April 2022

Industrial Attachment

 - Maintained and repaired transmission lines
 - Conducted load checks and voltage measurements
 - Inspected high and low voltage lines
 - Isolated, earthed, and tested high-voltage equipment

REFERENCE

David Maina Wang'ombe
Supervisor Kenya Power
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