

James Kipkirui Langat

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Profile

Experienced and certified Electrician with over 15 years in residential, commercial, and military electrical systems across Kenya, Iraq, Afghanistan, and Somalia. Skilled in installation, troubleshooting, and maintenance of electrical systems, generators, motor controls, and water treatment plants. Recognized for leadership, safety compliance, and delivering high-quality technical solutions under challenging environments.

Key Skills

- Electrical installation, maintenance & troubleshooting
- Generator repair & power distribution systems
- Motor controls & industrial equipment
- Control systems & electrical print reading
- Water treatment (ROWPU) operation & training
- Compliance with NEC, BS, IEC standards
- Supervising multinational technical teams

Professional Experience

Self-Employed – Electrician | Kenya | May 2021 – Present

- Operate and maintain mobile electrical service unit.
- Repair industrial equipment, motor controls, and generators.
- Assist in planning and designing new installations and systems.

Kellogg Brown & Root (KBR) – Journeyman Electrician | Iraq | Jan 2017 – May 2021

- Installed, commissioned, and tested electrical systems to BS 7671 standards.
- Supervised OCN workforce and deputized for Electrical Supervisor.
- Conducted inspections, electrical testing, and regulatory compliance checks.
- Assisted in project execution and field operations.

RA International – Electrician / ROWPU Operator | Somalia | Jun 2016 – Nov 2016

- Supervised and maintained water treatment plants.
- Trained UN & AMISOM troops on ROWPU operations.
- Diagnosed and repaired electrical, mechanical, and hydraulic systems.
- Prepared reports and ensured safe maintenance procedures.

DynCorp International – Senior/Lead Electrician | Afghanistan | 2011 – 2015

- Led installation and maintenance of electrical systems in military facilities.
- Diagnosed and repaired faulty wiring, equipment, and control systems.
- Ensured compliance with NEC and safety codes.
- Trained and supervised junior electricians.

KBR – Journeyman Electrician | Iraq | 2007 – 2010

- Installed, repaired, and maintained electrical systems in field operations.
- Conducted emergency power support with generators and floodlights.
- Supervised and supported team operations in high-risk environments.

Kenya Navy – Radio/Radar Technician | Mombasa | 1989 – 2007

- Installed, tested, and repaired radio, radar, and communication systems.
- Maintained public address, telephone, and intercom systems.
- Performed periodic reliability checks and mobile service operations.

Education & Certifications

- Diploma in Electrical Engineering, Mombasa Polytechnic (1994–2000)
- Certificate in Microprocessor Technology, Mombasa Polytechnic (1999)
- Marine Electrical Certificate, Kenya Navy (1989–1993)
- Kenya Certificate of Education (KCE), Kimolwet Secondary School (1987)
- Certificate of Primary Education (CPE), Keronjo Primary School (1983)

Referees

- Eliud Wanyonyi – IT Technician | +254 791 717 292 | Eliudw96@gmail.com

• Justus Mutai – IT Technician | +254 722 523 603 / 722 398 635 | bkipkirui493@gmail.com