

# ***CURRICULUM VITAE***

Name: **SHADRACK KANDIE**

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**MY OBJECTIVE:** *Looking for a challenging position in an engineering firm, with my demonstrated track profile in the utility industry with an experience of 5 years. Willing to provide the best of my experience in Building power infrastructure.*

## **QUALIFICATION**

BSc Degree in Electrical and Electronic Engineering

Diploma in Electrical and Electronics engineering (KNEC),

Registered as Graduate Engineer with EBK.

CPD EBK Project Management.

Generators installation with PLC and service maintenance

Safety training under OSHA, 2007 and

Senior First AID training.

Valid Driving License

Knowledge in Electronic Engine control module (ECM & PLC).

Solar Panels assembly and installation, Synchronize generator sets with mains and Paralleling generator set

Telecoms, Systems Configurations (LAN, WAN, FIBRE OPTIC )

Customer service

## **EDUCATION BACKGROUND**

**2018 CPD EBK Project Management Course.**  
**(Vicar Industrial Capacity Ltd)**

**2012- 2016: TECHNICAL UNIVERSITY OF MOMBASA**  
BSc Degree in Electrical and Electronic Engineering

**2005-2008: THE ELDORET POLYTECHNIC**  
Diploma in Electrical and Electronic Engineering  
Kenya National Examination Council (KNEC)

**2000-2003: CHEPTUECH SECONDARY SCHOOL.**  
Kenya Certificate of secondary Education

**1991-1999: CHEPNYALILO PRYMARY SCHOOL**  
Kenya Certificate of Primary Education

- 2015** Safety and Health training under OSHA, 2007 and
- 2016** Senior First AID training and Environment conservation.

## **PROFESSIONAL EXPERIENCE:**

**2015 -2018 JAN: WORKING WITH BENS ELECTRONICS SERVICE LTD,  
SAFARICOM KENYA LTD CONTRACTOR COAST REGION.**

### **POSITION - ( FIELD ENGINEER**

**Worked on**

- ~planning**
- ~implementation**
- ~Testing**
- ~Commissioning**
- ~Documentations**

#### **OFFICE OF HEALTH AND SAFETY**

- Carry out the safety training to technicians and first aid.
- Ensure safety rules and regulation are adhered to before any work begins.
- Ensure that first aid boxes are regularly maintained;
- Ensure safety environment at work station at all times
- Organizing safety training workshop to technical team
- Our Motto is no Work worth more than life.(safety first)
- Risk assessments

**Working on Projects in the following areas.**

Site Survey, Solution architect, report compiling,documentation and implementation.

Installation of Microwave, Ceragon and sectors communication systems.

Installation of Active and Passive Fiber optic. (.GPON ,AR)

System software upgrade,MPLS and point to point Networks.

Cisco ,Huawei,cyberom and other systems Configurations.

Preventive maintenances.

GSM and BTS sectors installation and configuration of switches etc.

Signal optimization and powering at Base station.

Configuration and installation of WiMAX CPE 1000 and WiMAX CPE 7000 16 etc

**2014 -T0 JULY 2015: WORK WITH CAR AND GENERAL (K) LTD  
CUMMINS POWER GENERATIONS DEPARTMENT MOMBASA**

## **POSITION (TECHNICIAN)**

In this period I have been working together with Cummins team in the following areas:

- Installations, service maintenance of generators rated 9kva-2500kva
- Site survey (Determine the consumer load and material to be used before advising clients on the engine ratings to purchase)
- Fault Troubleshooting and Generators paralleling
- Synchronization of gen-sets with mains supply
- Cummins engines e.g. QSL 9,QSK 60,QSK 78,QSK 23 ETC
- Troubleshoot and repair of marines controls in Cummins engines of ships
- Engine control module Electronic control module (ECM).
- Controllers we used include: AGC, PCC 1302, DMC 1500, DMC200, DMC100, DSEA etc.
- Programmable logic controllers (plc.) for power plant generation.

## **2013 MAY-2013AUGUST: WORK WITH KENYA POWER COMPANY LTD MOMBASA**

### **POSITION – (TRAINEE)**

During this period I participated in working in the following areas:

#### **ENERGY TRANSMISSION DEPARTMENT**

- Transformer assembling
- Transformers installation
- Transformer rewinding
- Air filtration for cooling in transformer
- Moisture removal process

#### **TRANSFORMER COMMISSING TEST**

- Insulation test using merger machine
- Tap changer control test...
- Cooling equipment checks in Transformers
- Magnetizations test
- Vector group test
- Impedance test
- Transformer ratio test

#### **PROTECTION DEPARTMENT**

- Types of relays used protection of transmission and distribution networks
- Testing or normal over current earth fault relay
- Various kinds of high voltage auto-reclose
- System control and data acquisition system(SCADA)

automatic voltage regulation

Programing of microprocessor based HV auto-reclose.

**SEPTEMBER 2006 TO DECEMBER 2006- ATTACH WITH LITEIN TEA FACTORY.**

**POSITION-(TRAINEE)**

Perform maintenance in the technical field in the following areas

Maintenance of hydraulic system and air conditioning unit.

Establish and maintain a preventive maintenance program

Ensure uninterrupted power supply to critical facilities.

Monitor generator performance to maintain electrical power reliability.

Circuit analysis and fault finding of various machinery.

Maintenance and repair of AC and DC machines.

Maintain records on generator, power system and other equipment to document maintenance work equipment replacement.

**HOBBIES**

Reading

AutoCAD Design

Innovation and Design work

Attending workshop to enhance my professional skills

Watching Documentary videos.

**REFEREES**

**1. Eng. Bernard Musioki LuLu**

Kenya Power And Lighting Company

P.O. BOX 90104-80100 Mombasa.

Cell phone: 0722-787-656

**2. Eng. Bakari Isinda**

Sales Engineer Cummins power Generation

P.O. BOX 43318-80100 Mombasa

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**3. ENG Kenneth Rono**

Field Application engineer Cummins power generation

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**4. ANDREW LANGAT**

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