

## **NELSON NYAMWARO NYABUTO**

P.O.Box 13544, Nakuru, Kenya 20100

+254 751 617 783

[nelson.nyabuto51@gmail.com](mailto:nelson.nyabuto51@gmail.com)

[https://nelsonnnn.github.io/nelson\\_portfolio](https://nelsonnnn.github.io/nelson_portfolio)

### **PROFESSIONAL SUMMARY**

Experienced at electrical and mechanical maintenance and software development. A tech savvy with good problem-solving skill, creativity and a good collaborator. Pays top-notch diligence with a resourceful mindset and thorough approach. Ready to put maximum commitment to my work.

### **SKILLS**

- Electrical and electronics troubleshooting and maintenance.
- Electrical diagram analysis
- Data handling and record keeping.
- Software Development (JavaScript, Flask, HTML, CSS5, React)
- CAD modelling and design (Autodesk Inventor)
- Ms. Office tools
- Client handling
- Research

### **WORK HISTORY**

January 2020 to  
Present

#### **Electrical and electronic maintenance engineer**

##### **Oriental Mills Ltd – Embakasi, Nairobi**

- Performed electrical and electronic installations, troubleshooting and maintenance on the various textile machines in the industry referencing electrical diagrams and manuals.
- The various machines worked on include Jakob Muller MBJ3/MBJ2 /MVC3 label machine, KTM label machine by Don Yang Mechatronic Ltd with Staubli CPU interface, Computerized Jacquard loom machines, beaming machines and knitting machines.
- The tasks performed include troubleshooting and repairing the PCBs, finding and rectifying faults in the machines in case of breakdown. Also performed three phase and single phase connections, variable frequency drive connection and motor connections (DOL, forward and reverse and star/delta).
- Carried out documentation of the various machine parts for future reference.

June 2019 to  
December 2019

## **Software Development**

- Engaged in Software Development freelance using JavaScript, HTML5, CSS5 and React JS on the front end development. Also a back end developer using Python (flask).

October 2018 to  
March 2019

## **Electrician internship**

**Apex Steel Industry – Athi River, Nairobi**

- Worked as a trainee electrician.
- Maintenance of electrical equipment in the manufacturing setting. These included milling machines, control panels with the PLCs and the electronic components, motors, cranes and the general electrical setup of the manufacturing industry.

June 2018 to  
August 2018  
and January  
2017 to March  
2017

## **Internship**

**Geothermal Development Company – Menengai, Nakuru**

- Majorly focused on maintenance of electrical and mechanical equipment. These included generators, Compressors, boosters, the various motors and electrical faults. Also took part in drilling operation on the rig at the various stages of drilling.

January  
2016 to  
March  
2016

## **Attaché**

**Kenya Power and Lighting Company – Lanet, Nakuru County**

- Took part in setting up of the Soilo substation in Nakuru. Also got involved in high voltage maintenance of the power lines and transformers supplying power in Nakuru County.

## **EDUCATION**

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|-------------|---|
| 2012 - 2018 | <b>Bachelor of Science in Mechatronic Engineering</b><br><b>Dedan Kimathi University -Nyeri, Kenya</b>  |
| 2009 - 2012 | <b>Kenya Certificate of Secondary Education</b><br><b>Utumishi Boys Academy - Gilgil, Nakuru County</b> |

## **SOFT SKILLS**

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- Enduring and collaborative with a certificate of completing a climb to educate expedition of climbing Mount Kenya.
- Good employee and client relation.
- Strong analytical and problem-solving skill.
- Firsthand individual ready to roll up the sleeves.
- Acoustic guitarist

## **REFERENCES**

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Eng. Jared Ngeno  
Geothermal Development Company Rig Supervisor  
Mobile number: +254 727275002  
E-mail:jkiplangat@gdc.co.ke

Dr. Samuel Macharia  
University Project Supervisor  
Mobile number: +254 726240861  
Email:sirmaxford@gmail.com