

## **CURRICULUM VITAE**

### **PERSONAL INFORMATION**

<b>Salutation</b>	Mr. Eng.
<b>Name</b>	Nyamwaro Nelson Nyabuto
<b>Gender</b>	Male
<b>Languages</b>	English Kiswahili
<b>Email addresses</b>	nelson.nyabuto51@gmail.com  nelliville51@gmail.com
<b>WhatsApp number</b>	+254 708787800
<b>Website Portfolio</b>	<a href="https://nelsonnnn.github.io/nelson_portfolio/">Nelson's Portfolio (nelsonnnn.github.io/nelson_portfolio/)</a>

### **EDUCATION**

<b>Institution</b>	<b>Period</b>	<b>Course</b>
Dedan Kimathi University of Technology	2012 - 2018	BSc. Mechatronic engineering - Second Class Honors
Utumishi Boys Academy	2009 - 2012	Kenya Certificate of Secondary Education (KCSE)
Baraka Boys Primary School	2005 – 2008	Kenya Certificate of Primary Education (KCPE)

### **PROFESSIONAL BODY CERTIFICATE**

Engineers Board of Kenya	Graduate Engineer – 2018
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WORK EXPERIENCE			
Period		Organization	Position / Duties and responsibilities
Start date	End date		
22 <sup>nd</sup> May 2024	Present	Self Employed - Nakuru	<b>Freelance</b> <ul style="list-style-type: none"> <li>• Freelance as an electrical and mechanical technician, plumbing manager in farmer.</li> <li>• Freelance in online work including content writing and web development.</li> </ul>
21 <sup>st</sup> February 2021	21 <sup>st</sup> May 2024	Oriental Mills Limited – Embakasi, Nairobi.	<b>Electronic maintenance technician.</b> <ul style="list-style-type: none"> <li>• Textile machine electrical and electronic installation and maintenance.</li> <li>• Performed electrical and electronic installations, troubleshooting and maintenance on the various textile machines referencing electrical diagrams and manuals.</li> <li>• Handled machines that included Jakob Muller MBJ2/MBJ3, KTM Jacquard 5 machines, knitting machines, shoelace machines.</li> <li>• Installed various VFD drives including ABB, Siemens, Danfoss, JLiToG</li> </ul>

30 <sup>th</sup> February 2019	20 <sup>th</sup> February 2021	Freelance Software Development - Mombasa	<b>Freelancer.</b> <ul style="list-style-type: none"> <li>Engaged in front-end software development using vanilla JavaScript, HTML and CSS/SASS. Back- end development using Flask.</li> <li>Performed computer cyber works including software installations, computer repairs, scanning and printing.</li> </ul>
11 <sup>th</sup> September 2018	28 <sup>th</sup> February 2019	Apex Steel Industry – Athi River, Nairobi.	<b>Electrical technician internship.</b> <ul style="list-style-type: none"> <li>Performed maintenance of electrical equipment in the industry. These included milling machines, control panels, motors, cranes and the general electrical setup of the industry.</li> <li>Tubemill motor maintenance.</li> <li>Electrical crane maintenance.</li> <li>Installation of upgraded mill SCADA control system.</li> <li>Any other task assigned by supervisor.</li> </ul>

18 <sup>th</sup> June 2018	7 <sup>th</sup> September 2018	Geothermal Development Company – Menengai, Nakuru.	<b>Engineering intern.</b> <ul style="list-style-type: none"> <li>• Performed maintenance of electrical and mechanical equipment in the rig. These included generators, compressors and boosters.</li> <li>• Drilling safety.</li> <li>• Drilling rigs and the drilling process.</li> <li>• Power systems.</li> <li>• Hoisting system.</li> <li>• Circulating System.</li> <li>• Rotary system.</li> <li>• Well Control System.</li> <li>• Well monitoring system.</li> <li>• Well monitoring system.</li> <li>• Cementing and casing.</li> <li>• Routine Maintenance of drilling components.</li> <li>• Housekeeping of rig area</li> </ul>
8 <sup>th</sup> August 2017	26 <sup>th</sup> October 2017	Independent Electoral and Boundaries Commission (IEBC). - Nakuru	<b>Quality assurance clerk and Polling center clerk.</b> <ul style="list-style-type: none"> <li>• Verified correctness of voter's registration details.</li> <li>• Arrange the polling station.</li> <li>• Verify that a voter is in the voters register.</li> <li>• Issuing of ballot papers.</li> <li>• Assist Presiding officer in counting ballot papers.</li> </ul>

10 <sup>th</sup> January 2017	24 <sup>th</sup> March 2017	Geothermal Development Company – Menengai, Nakuru.	<b>Engineering attaché.</b> <ul style="list-style-type: none"> <li>• Performed maintenance of electrical and mechanical equipment in the rig. These included generators, compressors and boosters.</li> <li>• Drilling safety.</li> <li>• Drilling rigs and the drilling process.</li> <li>• Power systems.</li> <li>• Hoisting system.</li> <li>• Circulating System.</li> <li>• Rotary system.</li> <li>• Well Control System.</li> <li>• Well monitoring system.</li> <li>• Well monitoring system.</li> <li>• Cementing and casing.</li> <li>• Routine Maintenance of drilling components.</li> <li>• Housekeeping of rig area</li> </ul>
11 <sup>th</sup> January 2016	31 <sup>st</sup> March 2016	Kenya Power and Lighting Company – Lanet, Nakuru.	<b>Engineering Attaché</b> <ul style="list-style-type: none"> <li>• Power transformer maintenance, testing and commissioning and fault diagnosis.</li> <li>• Protection systems which include D.C systems, Relays, Circuit Breakers, Current and Voltage transformers.</li> <li>• Voltage regulation and larger power metering.</li> <li>• Substation maintenance.</li> <li>• Auto reclosure maintenance and testing in both oil and gas operated equipment.</li> <li>• Earthing and testing.</li> <li>• Postpaid and prepaid circuit connection.</li> <li>• High voltage and low voltage line work.</li> <li>• High voltage and Low voltage design using KPLC design software and LV Domestic wiring inspection.</li> </ul>

			<ul style="list-style-type: none"> <li>• LV underground work and Service Turret connection.</li> <li>• Distribution transformers protection and earthing.</li> </ul>
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