

## **CURRICULUM VITAE**

### **PERSONAL INFORMATION**

<b>Name:</b>	Nyabuto Nelson Nyamwaro
<b>Gender:</b>	Male
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<b>Mobile number</b>	+254 715 617783
<b>Portfolio</b>	<b><u>Nelson's Portfolio (nelsonnnn.github.io)</u></b>

### **EDUCATION**

<b>Institution</b>	<b>Period</b>	<b>Course</b>
Dedan Kimathi University of Technology	2012 - 2018	BSc. Mechatronic engineering - Second Class Honors, Lower Division
Utumishi Boys Academy	2009 - 2012	Kenya Certificate of Secondary Education (KCSE) - Grade: A-, 86points
Baraka Boys Primary School	2005 – 2008	Kenya Certificate of Primary Education (KCPE) - Marks 425 out of 500

### **PROFESSIONAL BODY MEMBERSHIP**

Engineers Board of Kenya	Graduate Engineer, Membership number B14734
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<b>WORK EXPERIENCE</b>		
<b>Period</b>	<b>Organization / Reference</b>	<b>Position / Duties and responsibilities</b>
March 2023 - Present	Freelance	<b>Intern.</b> <ul style="list-style-type: none"> <li>Engaged in layout of water supply pipes from borehole source to private settlement.</li> <li>Took part in various maintenance activities in GDC company, Baringo, such as HVAC maintenance, water motor pump installation, water purifier maintenance and electric supply cable layout.</li> </ul>
July 2020 – February 2023	Oriental Mills Limited – Embakasi, Nairobi.	<b>Electronic maintenance technician.</b> <ul style="list-style-type: none"> <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</li> </ul>

		<p>Jacquard 5 machines, knitting machines, shoelace machines.</p> <ul style="list-style-type: none"> <li>• Installed various VFD drives including ABB, Siemens, Danfoss, JLiToG.</li> </ul>
June 2019 – December 2019	<p>Software Development (SWATS Computer and ICT Experts) – Mombasa.</p> <p><b>Ref:</b> Mr. Shadrack Mokuu, Mobile No: +254780766871</p>	<p><b>Freelancer.</b></p> <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>
October 2018 – March 2019	Apex Steel Industry – Athi River, Nairobi.	<p><b>Electrical technician internship.</b></p> <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> </ul>

<p>June 2018 – September 2018</p> <p>January 2017 – March 2017</p>	<p>Geothermal Development Company – Menengai, Nakuru.</p> <p><b>Ref:</b> Eng. Jared Ng'eno, Phone: +254 727 275002, Email: jkiplangat@gdc.co.ke</p>	<p><b>Engineering intern/attaché.</b></p> <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>
<p>August 2017 – October 2017</p>	<p>Independent Electoral and Boundaries Commission (IEBC).</p>	<p><b>Quality assurance clerk and Polling center clerk.</b></p> <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>

January 2016 – March 2016	Kenya Power and Lighting Company – Lanet, Nakuru.	<p><b>Engineering Attaché</b></p> <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> <li>• LV underground work and Service Turret connection.</li> <li>• Distribution transformers protection and earthing.</li> </ul>
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