

CURRICULUM VITAE

PERSONAL INFORMATION

Name	Nyabuto Nelson Nyamwaro
Gender	Male
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Mobile number	+254 708787800
Website Portfolio	Nelson's Portfolio (nelsonnnn.github.io/nelson_portfolio/)

EDUCATION

Institution	Period	Course
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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WORK EXPERIENCE		
Period	Organization and Reference	Position / Duties and responsibilities
March 2024 - Present	Freelance	Freelance <ul style="list-style-type: none"> Freelance as an electrical and mechanical technician. Freelance in online work including content writing and web development.
January 2024 – March 2024	Oriental Mills Ltd	Technician <ul style="list-style-type: none"> Textile machine electrical and electronic installation and maintenance.
March 2023 – December 2023	Geothermal Development Company	Casual. <ul style="list-style-type: none"> Engaged in layout of water supply pipes from borehole source to settlements. 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.

July 2020 – February 2023	Oriental Mills Limited – Embakasi, Nairobi.	Electronic maintenance technician. <ul style="list-style-type: none"> • Performed electrical and electronic installations, troubleshooting and maintenance on the various textile machines referencing electrical diagrams and manuals. • Handled machines that included Jakob Muller MBJ2/MBJ3, KTM Jacquard 5 machines, knitting machines, shoelace machines. • Installed various VFD drives including ABB, Siemens, Danfoss, JLiToG
June 2019 – December 2019	Software Development (SWATS Computer and ICT Experts) – Mombasa. Ref: Mr. Shadrack Mokua, Mobile No: +254780766871	Freelancer. <ul style="list-style-type: none"> • Engaged in front-end software development using vanilla JavaScript, HTML and CSS/SASS. Back- end development using Flask. • Performed computer cyber works including software installations, computer repairs, scanning and printing.

October 2018 – March 2019	<p>Apex Steel Industry – Athi River, Nairobi.</p> <p>Ref: HSE. Mickey Osoro Tel No: +254 726 586375</p>	<p>Electrical technician internship.</p> <ul style="list-style-type: none"> Performed maintenance of electrical equipment in the industry. These included milling machines, control panels, motors, cranes and the general electrical setup of the industry.
<p>June 2018 – September 2018</p> <p>January 2017 – March 2017</p>	<p>Geothermal Development Company – Menengai, Nakuru.</p> <p>Ref: Eng. Jared Ng'eno, Phone: +254 727 275002, Email: jkiplangat@gdc.co.ke</p>	<p>Engineering intern/attaché.</p> <ul style="list-style-type: none"> Performed maintenance of electrical and mechanical equipment in the rig. These included generators, compressors and boosters. Drilling safety. Drilling rigs and the drilling process. Power systems. Hoisting system. Circulating System. Rotary system. Well Control System. Well monitoring system. Well monitoring system. Cementing and casing. Routine Maintenance of drilling components. Housekeeping of rig area

August 2017 – October 2017	Independent Electoral and Boundaries Commission (IEBC).	Quality assurance clerk and Polling center clerk. <ul style="list-style-type: none"> • Verified correctness of voter's registration details. • Arrange the polling station. • Verify that a voter is in the voters register. • Issuing of ballot papers. • Assist Presiding officer in counting ballot papers.
January 2016 – March 2016	Kenya Power and Lighting Company – Lanet, Nakuru.	Engineering Attaché <ul style="list-style-type: none"> • Power transformer maintenance, testing and commissioning and fault diagnosis. • Protection systems which include D.C systems, Relays, Circuit Breakers, Current and Voltage transformers. • Voltage regulation and larger power metering. • Substation maintenance. • Auto reclosure maintenance and testing in both oil and gas operated equipment. • Earthing and testing. • Postpaid and prepaid circuit connection. • High voltage and low voltage line work. • High voltage and Low voltage design using KPLC design software and LV Domestic wiring inspection. • LV underground work and Service Turret connection. • Distribution transformers protection and earthing.