

CURRICULUM VITAE

| PERSONAL INFORMATION | |
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| Salutation | Mr. Eng. |
| Name | Nyabuto Nelson Nyamwaro |
| Gender | Male |
| Email addresses | nelson.nyabuto51@gmail.com nelliville51@gmail.com |
| Mobile number | +254 708787800 |
| Website Portfolio | Nelson's Portfolio (nelsonnnn.github.io/nelson_portfolio/) |

| EDUCATION | | |
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| 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 | |
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| Engineers Board of Kenya | Graduate Engineer, Membership number B14734 |

| WORK EXPERIENCE | | |
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| 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 and in farming. • 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. |

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| 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. |

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| 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 |

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| 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. |