**NJERI NTHIGA**

**Curriculum Vitae (CV)**

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| Current Contact:  Mobile: (+254) 723 851436 | Permanent Address:  P.O Box 21725-00100,  NAIROBI.  nmcwings@yahoo.com |

**OBJECTIVE**

To offer quality services as well as help the society achieve high living standards.

**EDUCATION**

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| **Institution**  **Date from to** | **Degree(s) or Diploma(s) obtained** |
| Moi University, Kenya  2002 - 2007 | Bachelor of Technology in Electrical and Communications Engineering  Attained: Second Class Honors, Upper division |
| Nguviu Girls Secondary School, Kenya  1997 - 2000 | Kenya Certificate of Secondary Education  Attained: Mean Grade A- |

**MEMBERSHIP IN PROFESSIONAL SOCIETIES**

Engineers Registration Board of Kenya (ERB) as a Registered Graduate Engineer

**OTHER TRAINING**

Introduction to FOX 615 as TDM Utility Grade Access/ Transport Multiplexer and SV9500 Telephone System training, 16th – 20th April, 2018, ABB university Switzerland

PSSE software training, September 2017, Nairobi Kenya

Design, Erection, Operation, Maintenance and Protection of High Voltage System, 8th September – 3rd October 2014, Central Institute for Rural electrification of Rural Electrification Corporation Limited, India

Remote Terminal Unit (RTU 560) training, 10th – 21st December, 2012, ABB Power Systems, Mannheim Germany

Power Transmission System, 29th August – 4th November, 2011, Power Grid Corporation of India Ltd – India.

Power System in Kenya, mainly the power distribution system, February – August 2011, Kenya PowerCompany.

Training for the Energy Sector, 7th – 11th June 2010, 28th February– 4th Mar 2011, Nexant Management and Technology Consulting.

Wind Technology, 17th – 27th January, New and Renewable Energy Authority, Egypt.

Economic and Financial Appraisals of Energy Project, 19th July -3rd September, 2010 at Jomo Kenyatta University of Agriculture and Technology.

**LANGUAGES**

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| **Language** | **Reading** | **Speaking** | **Writing** |
| English | Excellent | Excellent | Excellent |
| Kiswahili | Excellent | Excellent | Excellent |

**EXPERIENCE**

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| **Dates** | **Employer** | **Positions held** |
| 2011 Feb-to date | Kenya Electricity Transmission Company | Electrical Engineer |
| 2010 May–2011 Jan  2008 Apr-2010  2007 June - Aug | Ministry of Energy  Flashcom Limited  Unga Limited | Electrical Engineer II  Mobile Switching Subsystem Engineer  Intership |

**RESPONSIBILITIES**

**KETRACO:**

**2019: O&M E-Plant Electrical Engineer**

During this period, have been responsible with the transmission system operation and maintenance as an Electrical Plant Engineer. Duties being:

* Testing and commissioning of switchgears in the substations for 220kV, 132kV and 33kV
* Involvement in monthly quarterly and annual maintenance of the system operation and maintenance of the electrical switchgears.

**2011 - 2018: Projects Electrical Engineer**

Have been involved in the projects implementation of building and operation of electricity transmission network in Kenya which is reliable, efficient, effective, safe and environment - friendly. During the period have worked in KETRACO, have been involved in:

* Engaged in Telecommunication and SCADA works for the transmission and substation
* General administration of projects carried out by Contractors,
* Preparation of contract documents for construction of 132 kV, 220 kV power transmission as well as valuation of bidders,
* Project commissioning of 33kV, 132 k and 220kV transmission line and substations,
* Design and supervision of 132 kV power transmission lines, Mumias - Rang'ala, Kisii - Awendo and Nanyuki – Meru, Machakos – Konza – Isinya - Namanga transmission line and substation projects,
* Participated in Environmental and Social Impact Assessment on the upgrading/extension of transmission line and substation.

**Ministry of Energy, Electrical Power Division**

The responsibilities involved the following:

* Electrical energy policy implementation and development
* Monitoring and evaluation of rural electrification projects
* Assistance in preparation of Least Cost Development Plan update

**Flashcom Limited**

The role involved dealing with the mobile CDMA core network of Flashcom Limited with the following responsibilities:

* Implementation and maintenance of mobile core network infrastructure
* Securing of the network to prevent unauthorized access,
* Monitoring of the network performance and utilization,
* Assistance to the transmission, BSS, PDSS teams in network provisioning and implementation,
* Providing mobile switching solution for the system,
* Ensuring mobile interconnection with other Mobile Operators within Kenya and International
* Solving any issues arising from the core network of the system

Projects involved in are:

* Interconnection with different mobile operators in Kenya like Orange Network and (Essar Telecom Kenya) Network.
* Installation of Integrated Services Digital Network (ISDN)

**OTHER CREDETIALS**

Trained First Aider under Kenya Red Cross

Computer Skills including Microsoft Office

**COMPETENCIES**

Ability to adopt or change priorities according to emerging situations.

Ability to live and work within a team and respect the rules of collective responsibility.

Commitment to the well-being of the society.

Ability to work without or minimum supervision.

**HOBBIES**

Traveling and making friends

Cycling

Listening to music and watching movies

**REFEREES**

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| Eng. Fanuel Tsuma  Senior Manager, System Operations & Maintenance  Kenya Electricity Transmission Company,  Tel: +254 705136842  Email: [ftsuma@ketraco.co.ke](mailto:ftsuma@ketraco.co.ke) | Jude Chesire  Legal Officer,  Sugar Board,  Tel: +254 720393638 |
| Jeremiah Mwaniki  P.O. BOX 21725-00100, Nairobi.  Tel: +254 722357579 |  |