

CURRICULUM VITAE

BIO DATA:

NAMES: JOSEPH KIBET RUGUT.
DATE OF BIRTH: FEBRUARY 1970
NATIONALITY: KENYAN
MARITAL STATUS: MARRIED
PERMANENT ADDRESS: BOX 450, BOMET, 20400.
LANGUAGES: ENGLISH, SWAHILI (WRITTEN AND SPOKEN)

ACADEMIC QUALIFICATIONS

<u>Date:</u>	<u>School/College</u>	<u>Examination and Grades Achieved.</u>
1990-1993	Moi University	Bachelors' of Technology Degree in Electrical And Communications Engineering involving the main branches; Electronics, Telecommunications, Instrumentation, Microprocessors, Electrical machine and Power Generators, Computer engineering and software, Nuclear, Mechanical and Refrigeration Systems, Engineering Managements among others.
1988 – 1989	Nakuru High School	K.A.C.E 3 principles – 14 pts, in Math's, Physics and Chemistry.
1984 – 1987	Kericho High School	K.C.E Division one 12 pts, first position in the school.
1975 – 1983	Siret Primary school	C. P. E pass, 29 pts, and first Position in The school.

EXTRA CURRICULA ACTIVITIES.

- ❖ Memberships in the science, wildlife, and very involved in the various symposia, congresses and camps.
- ❖ Active leader in Christian and student welfare activities.
- ❖ Research and conducting projects on computer and Medical equipment fabrications.
- ❖ Playing volleyball, soccer, darts and athletics.

PROFESSIONAL AND REGULATORY BODIES APPOINTMENTS.

1. Member of the Engineers Registration Board (ERB), Institution of Engineers of Kenya (IEK) as a graduate engineer.
2. Registered Member of the Association of medical Engineers of Kenya (AMEK).
3. Registered and Licensed Engineer with the Radiation Protection Board as a Radiation equipment service engineer.
4. Member of the East Africa Association of Radiation Protection.
5. Member of the HEVACK – Heating and Air conditioning association of Kenya.
6. Trained and Certified in Fire Safety, fighting and Prevention.

7. Licensed by ERC Kenya as Class B electrician for Electrical installation works.
8. Licensed by ERC Kenya as class T3 Technician for Solar PV and Mini Grid installation works.
9. Member of the OZONE protection training team (Montreal Protocol) under NEMA/NOU, in partnership with GIZ Proklima as a TOT.
10. Certified attendance of various international conferences in Healthcare, Environmental and Innovative Technology Managements.
11. Certified Trainer in Green Cool techniques and Certified competence in Brazing and Soldering Technician from BFS Maintal Vocational Training Centre in Germany.
12. Certified TOT in X-ray theory and maintenance with AMSC under AIM international, as well as DITECH institute in OHIO in collaboration with the WHO and the IAEA.
13. Involved in initiating and facilitating technical trainings in various medical equipment services for FBO's and beyond in Digital Radiography, HVAC systems especially Natural Refrigerants and POC Ultrasonography in collaboration with International Partners i.e. Rotary International, GIZ and Emergency medicine Kenya.
14. Member of the Kenya Bureau of Standards (KEBS) Hospital and Medical Equipment Technical Committee for setting and developing standards.
15. UNEP/UNIDO recognized TOT in HPMP and Global warming mitigation measures in the Refrigeration and Air conditioning sector accomplishing high profile Short term trainings. The consultancy assignments were to the National protection bodies in Botswana, Ethiopia, Malawi and Tanzania among others.
16. Certified TOT with KEBS in radiation safety and shielding and maintenance of radiology equipment.
17. Trained at MGA academy May 2019, on Green energy and mini-grids installations.
18. Clean Driving License.

FUTURE AMBITIONS.

- To play a part in the ultimate realization of appropriate healthcare technology management and sustainability in Kenya and Africa/worldwide as much as possible.
- To obtain a wide experience in applied Medical, Electrical, HEVAC engineering and Radiology engineering in the areas within my reach and beyond.
- Promote the use of alternate/renewable energy sources in the marginalized nations and communities by getting involved in their engineering.
- Undertake further trainings in Environmental matters, Healthcare and Radiology engineering.

WORK EXPERIENCE.

1. Apprentice Teacher (Jan – Oct 1990)

Duties and responsibilities

In Math's, Physics and Chemistry at Chilchila School

2. Technical Apprentice (Oct – Dec 1992)

Duties and responsibilities

Technical work in the electrical and Chemelil Sugar Factory electronics Workshop

3. Tenwek Mission Hospital Technical Dept (1994 – 2001)

Duties and responsibilities

Electrical, Medical and Electronics Services and maintenance including:

- ✓ Mini-Hydro power plants, standby generators installation and mini-grids,
- ✓ Leading medical equipment programmed preventive and curative maintenance.
- ✓ Various refrigeration systems and medical hospital plant and equipment installations.

4. Moi Teaching and Referral as a Deputy hospital Engineer (2001 – 2002)

Duties and responsibilities

As above but with:

- ✓ Computer networking and Hospital configuration
- ✓ Served as the chief Electrical Engineer, during which two standby electric Generators, HMIS system, oxygen plants, Two Cold Rooms storage and Several Blood bank Chillers were installed.

5. South Rift/Nyanza Region HCTS workshop (2003 – 2006)

Duties and responsibilities

Started a regional HCTS Workshop, and worked as above also but in a couple of Mission Hospital country-wide to do as much as listed above with more:

- ✓ Consultancy, installation and routine programmed Services in both Electromechanical and Medical Equipments.
- ✓ Four x-ray machines were installed during this period among others.

6. National HCTS Workshop at CHAK (2007 – To Date)

Duties and responsibilities

- ✓ National Workshop Started Doing all the Medical Engineering work for all the Faith-Based Health Units Country wide, especially in Radiology and Specialized Medical Equipments, as well as Cold chain systems.
- ✓ Over ten radiology x-ray machines have been either installed or overhauled in this period.
- ✓ Consultancy, installation and commissioning are central roles I play including highly advanced quality assurance programs in hospital Equipment and Plants.
- ✓ Involved in initiating and facilitating technical trainings in various Equipment for FBO's and beyond in Digital Radiography, HEVAC systems and POC Ultrasonography in collaboration with International Partners i.e. Rotary International, Gradian Health Systems USA, GIZ and Emergency medicine Kenya.
- ✓ Central Licensed workshop for Radiology QA/QC assessments in Kenya.
- ✓ Distribution and installation of Solar-chill Solar SDD vaccines refrigerators.

REFEREES:

Mr. Geoffrey Langatt,
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