

CURRICULUM VITAE

PERSONAL DETAILS

STAICY JELIMO CHEPKALUM.

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PROFESSIONAL SUMMARY

Experienced and adaptable professional with a background in Biomedical Engineering and specialized training as a Generator Repair Technician. With a strong foundation in engineering principles and hands-on technical expertise, I bring valuable skills in troubleshooting, repairing, and maintaining electrical systems and medical equipment. Proven ability to deliver high-quality results in dynamic environments, I am a proactive problem solver with a keen eye for detail. Passionate about leveraging technology to drive innovation and improve processes, I am committed to contributing positively to any team or organization.

EDUCATIONAL BACKGROUND

BACHELOR OF SCIENCE IN BIOMEDICAL ENGINEERING

KENYATTA UNIVERSITY (AUGUST 2017 - JULY 2023)

CERTIFICATION IN GENERATOR REPAIR TECHNICIAN

SENSEI INSTITUTE OF TECHNOLOGY (FEBRUARY 2023 - APRIL 2023)

KENYA CERTIFICATE OF SECONDARY EDUCATION

ALLIANCE GIRLS' HIGH SCHOOL (2013- 2016)

KENYA CERTIFICATE OF PRIMARY EDUCATION

KAPKWANG PRIMARY SCHOOL (2004-2012)

WORK EXPERIENCE

INTERNSHIP

Iten County Referral Hospital (September – December 2023)

Biomedical engineering intern responsible for hospital equipment installation, training, testing, inventory update, repair and maintenance.

INDUSTRIAL ATTACHMENTS

Kenvatta National Hospital (February – April 2022)

Acquired skills in identification, operation, troubleshooting, repair and maintenance of biomedical equipment in the Accident & Emergency, Laboratories, Medical Gases Unit, Wards, Critical Care Unit, Theatre, Radiology, Renal Unit and Clinics Departments.

Nakuru Level 6 Hospital (February - April 2021)

Attained skills in operation, maintenance, troubleshooting and repair of medical equipment in the New Born Unit, Renal Unit, Operating theatre, X-Ray department and Oxygen Plant.

INTERNAL ATTACHMENT

Kenvatta University Labs (May - July 2019)

Learnt skills in DC motors & DC Generators, Electrical Installation, AutoCAD software, Electronics, Soldering and De-Soldering, Arduino Programming and Motor Installation.

SOFT SKILLS

- Communication (Written and Verbal)
- Teamwork or Collaborative Work
- Adaptability
- Leadership
- Problem Solving
- Research

TECHNICAL SKILLS

- Service & Maintenance of Hospital Equipment and Generators
- Technical Documentation and Reporting
- Safety Protocols and Compliance
- Testing and Repair
- Microsoft Office
- Records keeping & Job Cards

EXTRA-CURRICULUM ACTIVITIES

- A member of IEEE (Institute of Electrical and Electronics Engineers)
- A member of EMBS (Engineering Member of Biomedical Society)
- A member of WIE (Women in Engineering)

TRAINING & CERTIFICATIONS

- Front-End Software Development and Python Software Certifications - January 2024 – Present at Udemy
- NEST (Newborn Essential Solutions & Technologies) – December 2021 at Kenyatta University
- SLS (Students' Leadership Summit) – February 2020 at Kenyatta University
- LEMP (Living Effectively Mentorship Program) – May to July 2019 at Nairobi
- CAP (Computer Application Packages) – November 2018 at Nehema Institute of Science & Technology

REFEREES

Alex Kipkosgei,
Head Of Biomedical Engineering Department,
Iten County Referral Hospital, P.O Box 332-30700, Iten
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Samuel Mwangi,
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