

CHARLES OTIENO OMONDI

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Biomedical Engineer / Field Service Engineer/Software Developer

Dedicated Biomedical Engineer with 4 years of hands-on experience in the biomedical industry, gained from both medical equipment companies and busy hospital settings. Well-versed in the installation, troubleshooting, technical support, calibrations and maintenance of medical machines and equipment, medical gas systems, hospital HVAC systems, and nurse call systems. Known for strong technical skills, problem-solving ability, and a commitment to high-quality service delivery. Eager to contribute to a dynamic and professionally rewarding environment.

WORK EXPERIENCE

Kenyatta University

Nairobi, Kenya

Maintenance Technician In-charge (Human Anatomy, Pathology & Funeral Home Section)

Feb 2024 – Present

- Providing overall technical maintenance and repairs to all the medical devices and systems used within the pathology, human anatomy, and funeral home in Kenyatta University, a top leading university in Kenya.
- All the medical machines and systems functionality oversight, troubleshooting, and maintenance to enhance the equipment's life and precise functionality outputs.
- Planning, developing, and implementing planned preventive maintenance (PPM) for all medical equipment within the department and maintaining accurate, up-to-date maintenance reports.
- Machines and systems inventories, documentation, and technical management.
- Providing technical support to the machine end users to ensure correct and safe handling of the machines.

Hospac Medical Solutions LTD

Nairobi, Kenya

Biomedical Field Engineer

Apr 2021 – Jan 2024

- Conducting installations, repairs, technical support, training, and maintenance of the medical equipment and other systems supplied to different customers by the company.
- Forecast on service quality, superior service deliverables to meet client satisfaction.
- Performing On-Site sales, installation, maintenance, and troubleshooting of all biomedical equipment & systems within the company.
- Conduct on-site technical trainings for medical equipment's end users on the usage and safety of medical Equipment.
- Providing technical support to medical equipment end users from different facilities and customers served by the company.
- Performing preventive maintenance and calibration of medical equipment to ensure the output precision of all the equipment.
- Documentation of preventive maintenance and installation activities and customer records.

St. Bridget Hospital

Kiambu, Kenya

Biomedical Engineer In-Charge

Mar 2022 – Dec 2023

- Providing all medical machines and systems technical and functionality oversight, and ensuring all machines are functioning well.
- All the medical machines and devices troubleshooting and maintenance.
- Planning, developing, and implementing planned preventive maintenance (PPM) for all medical equipment within the facility, and maintaining accurate and up-to-date maintenance reports on the same.
- Conducting regular continuous technical training to the machine's end users to ensure correct usage and safety of the equipment.
- Continuously monitor work on site to installation and support, and ensure compliance with the signed contracts and standards of contractors.
- Supporting inventory management of all the medical equipment to ensure proper and accurate documentation.
- Providing technical support to the medical equipment end users.

EDUCATION

Technical University of Mombasa

Biomedical Engineering

Mar 2018 - Mar 2021

Power Project Learn Academy

Software Engineering

Jun 2025 - Dec 2025

Dynamic Technologies Academy

Python Programming

Apr 2025 - Jun 2025

Olympic Vocational Institute

Computer Applications

Aug 2017 - Nov 2017

Agoro Oyombe Secondary School

Certificate (KCSE)

Jan 2012 - Dec 2015

SKILLS

- . Problem solving
- . Flexibility
- . Customer support
- . Troubleshooting
- . Preventive maintenance
- . Medical Equipment and devices
- . Electronics and controls
- . Calibrations
- . Installations
- . Python Programming language
- . Microsoft Office
- . Excel
- . Word
- . PowerPoint
- . Illustrator
- . Outlook
- . Google Mail
- . Adobe Photoshop
- . Desktops
- . Phones
- . Printers
- . IoT
- . Software engineering
- . Software development
- . Website development

CERTIFICATIONS

Python Programming

Dynamic Technologies Academy

Software Engineering

Power Learn Project Academy

Anesthesia Machine Manufacturer Workshop

BEIJING AEONMED CO., LTD

Ventilator Machine Setup

BEIJING AEONMED CO., LTD

Commercial Air Conditioning Systems

LG Electronics Air Conditioning Academy

INTERESTS

- . Fitness
- . Networking
- . Volunteering
- . Football
- . Coding and Tech
- . Innovations

REFERENCES

Eng. Samuel King'ori
Managing Director.
HOSPAC MEDICAL SOLUTIONS LTD
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Dr. George Gachara
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& FUNERAL HOME SECTION.
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