

JACKSON MUTISO

Kwale, Kenya

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PROFESSIONAL SUMMARY

Dynamic and detail-oriented Laboratory Analyst with over three years of hands-on experience in mineral analysis and processing within high-performance laboratory environments. Skilled in advanced techniques such as XRF, fusion, and wet chemistry, with a strong grasp of QA/QC procedures, instrumentation, and environmental compliance. Recognized for excellent team leadership, process optimization, and safety adherence. Currently seeking to leverage technical and supervisory strengths in a Laboratory Supervisor role to enhance operational efficiency and quality assurance.

CORE SKILLS

- **Analytical Techniques:** XRF, fusion, wet chemistry, QA/QC standards
 - **Laboratory Management:** Team supervision, equipment calibration, workflow optimization
 - **Communication:** Report writing, cross-functional collaboration, technical presentations
 - **Technical Proficiency:** Lab instrumentation, compliance protocols, software literacy
 - **Problem-Solving:** Critical thinking, troubleshooting, continuous improvement
 - **Safety & Compliance:** Environmental monitoring, regulatory adherence, SOPs
 - **Time Management:** Multi-tasking under strict timelines, prioritization
 - **Leadership:** Mentoring, task delegation, training junior staff
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PROFESSIONAL EXPERIENCE

Base Titanium Limited – Kwale, Kenya**Laboratory Analyst**

Jan 2024 – Dec 2025

- Conducted quantitative and qualitative analysis of mineral samples including ilmenite, rutile, and zircon.
- Ensured strict QA/QC compliance, supporting process optimization and accurate reporting.
- Calibrated and maintained laboratory equipment to uphold safety and performance standards.
- Collaborated with production and process teams to guide decision-making based on analytical data.
- Supported environmental compliance and participated in cross-functional improvement initiatives.

Graduate Trainee

Feb 2023 – Jan 2024

- Rotated across Laboratory, Processing, and HSE departments to gain holistic knowledge of mining operations.
- Assisted in sampling, analysis, and interpretation of lab results under expert supervision.
- Supported compliance audits and safety initiatives in alignment with Base Titanium standards.
- Gained practical skills in process control, product testing, and environmental monitoring.

ADDITIONAL EXPERIENCE**Sales Brand Ambassador – Safaricom Ltd (Loska Branch, Ukunda)**

June 2019 – July 2019

- Promoted Safaricom products and provided customer onboarding and support.
- Contributed to customer satisfaction and exceeded daily sales targets.

Sales Executive – M-KOPA, Kwale

Dec 2022 – Feb 2023

- Marketed and sold solar and digital products in underserved communities.
- Maintained customer relations, ensured compliance with payment plans, and exceeded targets.

EDUCATION

Kenyatta University – Nairobi, Kenya

Bachelor of Science in Industrial Chemistry with Management

Aug 2017 – Dec 2022

- Studied Industrial Process Control, Analytical Chemistry, Environmental Chemistry, and Project Management.
- Completed practical experiments, group projects, and industrial attachments to apply theory in real-world settings.

Lulu High School – Kwale, Kenya

Kenya Certificate of Secondary Education (KCSE) Grade B+ (67 points)

Jan 2013 – Dec 2016

- Strong academic focus on Mathematics, Chemistry, and Physics.
- Active in science congress and math contests.

PROFESSIONAL TRAINING & COURSES

- **Computer Packages** – BIBS Institute, Nakuru
- **Software Development (Ongoing)** – PLP Program (Python, HTML)

LANGUAGES

- Swahili
- English

HOBBIES & INTERESTS

- **Coding** – Learning Python & HTML for problem-solving
- **Poetry** – Writing and reading for creative expression
- **Puzzle Solving** – Enhancing mental agility
- **Networking** – Building professional and social connections

REFERENCES

Mrs. Edith Waziri,
Human Resources Manager
Base Titanium Limited.
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- Alex Kiluli, Snr. Chemist. from Base Titanium Limited.
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