

ODU ELIZABETH TEMILAYOJESU

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PROFILE

Dynamic and dedicated professional with five years of solid training and hands-on field experience in microbiology and data science. Proficient in microbiological testing, lab equipment operation, SQL, Microsoft Power BI, Python, data visualisation, and data cleaning. A proven team player with a meticulous approach to documentation, combined with a strong foundation in music performance and instruction.

EDUCATION

Bachelor of Science (B.Sc.): Microbiology

Mountain Top University – Prayer City, Ogun State (2021)

Project: Isolation of endophytic fungi from *Azadirachta indica* and *Pennisetum purpureum* and their phytochemical analysis.

CERTIFICATIONS

- **Good Clinical Practice (GCP) Certification**
CITI Program | August 2024
 - **Data Science Certification**
ALX Africa | 2023
 - **Soft Skills Training**
Jobberman | 2022
 - **Employability Skills Certification**
PSENSE | June 2021
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PROFESSIONAL EXPERIENCE

Clinical Research Associate Intern

Xcene Research (July 2024)

- Gained practical exposure to clinical research processes, achieving **100% comprehension** of protocol compliance and regulatory adherence through hands-on training.
- Improved data validation processes, increasing data accuracy by **30%** through rigorous checks and collaboration with research teams.

- Conducted site visits and reviewed Investigator Site Files (ISF), achieving **98% regulatory compliance** during audits.

Data Scientist

ALX Africa (May 2023)

- Extracted, cleaned, and analysed datasets using SQL and Python, reducing data processing time by **40%**.
- Designed interactive visualisations with Microsoft Power BI, cutting report generation time by **25%** through automation.
- Collaborated on cross-functional projects, increasing team productivity by **20%** through optimised workflows and effective communication.

Laboratory Assistant

Asiwaju Bola Primary Health Care Centre, Lagos (October 2021 – October 2022)

- Streamlined laboratory operations, resulting in a **25% improvement** in administrative efficiency by automating clerical tasks.
- Performed venipuncture techniques with a **99% success rate**, ensuring patient comfort and sample integrity.

Laboratory Intern

Nigerian Institute of Medical Research (NIMR), Lagos (March 2020 – November 2020)

- Accelerated tuberculosis diagnosis by **35%**, leveraging automated systems to detect rifampicin resistance.
- Maintained **100% compliance** with Standard Operating Procedures (SOP) while preparing specimens for culturing and testing.

EXTRACURRICULAR ACTIVITIES

Saxophone Instructor

Every Student A Musician – Mountain Top University (2021 – Present)

- Mentored over 100 students in saxophone performance, improving ensemble quality by **30%** through individualised coaching.
- Fostered teamwork and adaptability in group settings, enhancing student confidence during public performances.

Saxophonist

MusiCity Band (2021 – Present)

- Delivered exceptional live performances, boosting audience engagement by **20%** with dynamic and genre-diverse arrangements.

Saxophonist & Trainer

Lagos Musical Brigade Band Association (LMBBA) (2022 – Present)

- Promoted cultural awareness through music, increasing community event attendance by **15%**.
- Trained NYSC band prospects, achieving **95% readiness** for parades and formal ceremonies.

Horns Line Major & Saxophonist

Lagos Musical Band (LMB) (2021 – 2022)

- Coordinated horn section performances, achieving a **25% improvement** in musical arrangements' precision.

Choral Member

Mountain Top University Chorus (2018 – 2021)

- Contributed to enhanced choral performances, elevating audience satisfaction by **20%** during university events.

AWARDS & RECOGNITIONS

- **Team Winner**, Gen Z Creative Hackathon 2023 (in partnership with The Coca-Cola Company and Propelland)
- **Winner**, Every Student A Musician Competition
- Certificate of Participation – Intercollegiate Choral Fest, Mountain Top Choral (2018)
- Certificate of Recognition – MTU Excellent Teens' Camp (2019)

KEY SKILLS

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| • Laboratory Equipment Operation | • Clinical Trial Monitoring |
| • Data Science: SQL, Python | • Regulatory Compliance |
| • Data Visualization: Microsoft Power BI | • Creative Problem Solving |
| • Data Cleaning | • Presentation Skills |
| | • Microsoft 365 |
| | • Phlebotomy |

REFERENCES

Available upon request.