***\_RESUME WEBSITE IDEAS\_***

**Home page**

1. Image: Logo
2. Image: Moffat Katopola

(Medical Lab Tech/Aspiring Software Dev)

1. Image: Lab tech 1
2. About me
   1. I am a Qualified Medical laboratory Technician working at a government health facility. My primary role is to conduct laboratory tests on patient samples to determine the cause of their illness so that they can receive proper healthcare and treatment. Finding the cause also helps to establish proper preventive measures to avoid further spread or recurrence of the disease.
   2. I am also an Online student at BYU-Idaho, pursuing a degree in Software Development. With rapid advancement in technology, I believe that adding programming skills to my skillset will help me to serve my clients better. I would like to develop applications that will enhance and improve the health delivery system such us early detection of outbreaks, effective management of client records, providing health information to the public through web applications and mobile applications to complement the Ministry of health’s efforts of providing health information to every citizen.

**Education**

1. Image: Logo
2. Image: Biomedical Science
   * Malawi College of Health Sciences
   * Specific courses covered: Microbiology, serology, hematology, blood banking, parasitology, biochemistry molecular diagnostics and research methodologies. This also includes practical attachments in major public and private hospitals for hands-on experience and familiarization.

* Started in 2016 and graduated in 2020

1. Image: BYU Pathway
   * BYU Pathway Worldwide
   * Specific courses covered: PC101; Life Skills, PC102; Professional Skills, PC103; University Skills and Religion Institute.

* Started in January 2023 and finished in July 2023

1. Image: Software Development
   * BYU-Idaho
   * Registered courses: Web Fundamentals, Programming with Functions, Math for the Real World and Devotional – Fall 2023
   * Started in September 2023 and expecting to finish in 2026

**Experience**

Image: Logo

Image: Moffat Katopola

1. Adventist Health Services

* Intern Medical Laboratory Officer - 2020 – 2021
* Collecting samples for analysis
* Inspecting samples for any anomalies before testing
* Ensuring patient confidentiality
* Performing all laboratory procedures according to standards
* Performing reagent preparation and equipment maintenance
* Inventory management
* Maintaining safe and clean working environment

1. Blantyre Health Office
   1. Medical Laboratory Officer - 2022

* Collecting samples for analysis
* Inspecting samples for any anomalies before testing
* Ensuring patient confidentiality
* Performing all laboratory procedures according to standards
* Performing reagent preparation and equipment maintenance
* Supervising and training internees
* Inventory management
* Maintaining safe and clean working environment
  1. Laboratory Quality Officer - 2023
* Ensuring that the Laboratory Quality Management System is being implemented.
* Ensuring that lab team completes all Quality Assurance requirements of the work plan.
* Maintaining and regularly reviewing all internal Quality Control records.
* Maintain and regularly review the External Quality Assessment results. Daily/Monthly monitoring of all lab documentation and reporting to the Laboratory Manager
* Verifying lab data, test results, calibrations and quality control data.
* Monitoring sample collection, handling, and transport from wards.
* Establishing and maintaining liaison between lab team and lab manager
* Ensuring by personal observation that correct lab departments Quality Control checks are being made.
* Monitor technical problems and machine malfunctions to help evaluate the overall effectiveness of the laboratory. Implement a back-up plan for testing protocols when available.
* Identify potential problems or areas of improvement within the laboratory. These areas should be monitored for frequency, possible causes, corrective action, and improvement.
* Reviewing the daily/weekly/monthly maintenance of each machine in the laboratory.
  1. District Laboratory TB Officer
* Coordinating Tuberculosis diagnostic activities within Blantyre district
* Ensuring that all health facilities within Blantyre have adequate reagents and consumables used for TB diagnosis to ensure that there is no service interruptions
* Conducting supportive mentorship visits
* Conducting orientation and training to new staff in the TB department
* Conducting competency assessment to staff working in the TB department.
* Preparing quarterly laboratory TB diagnostic data and reporting to the National Tuberculosis and Leprosy Elimination Program.