

MUSASA CHRISTOPHER

Naguru, Nakawa, Kampala, Uganda

Phone: +256755281260 / +256778129221

Email: musasachristopher2@gmail.com

Professional Summary

Versatile and dedicated professional with extensive experience in medical laboratory technology, data management and analysis, cybersecurity, database engineering, virtual assistance, and technical support. Holding a Diploma in Medical Laboratory Technology and certifications in Data Science, Python, and Cybersecurity, I excel in high-accuracy data handling, secure information management, and laboratory diagnostics. Skilled in Microsoft Excel, Access, beginner-level Python and SQL, with a proven track record in healthcare settings, community projects, and remote freelance work. Eager to leverage analytical, problem-solving, and communication skills across diverse fields, including AI data specialization, junior database engineering, security professions, virtual assistance, and medical laboratory roles, while maintaining integrity and precision in all tasks.

Education

Diploma in Medical Laboratory Technology

Nsambya Hospital Training School, Kampala, 2021

- Specialized in laboratory diagnostics, sample processing, and data recording in clinical environments.

Uganda Advanced Certificate of Education (UACE)

Kyambogo College School, Kampala, 2015

Uganda Certificate of Education (UCE)

St. Joseph's College, Layibi, 2013

- Credit in English

Certifications

- Introduction to Cybersecurity, Cisco Networking Academy (2024)
- Certified in Cybersecurity (CC), ISC2 (In Progress, 2025)
- Introduction to Data Science, Datamites (2023)
- Intermediate Python for Data Science, DataQuest (2019)
- Data Analytics Essentials, Cisco Networking Academy (In Progress, 2025)

Professional Experience

Laboratory Technician

Essential Communications, Travel Agency Testing Centre, Ntinda, Uganda

December 2023 – Present

- Conducted high-volume laboratory testing for travel-related health certifications, including sample collection, processing, and analysis of biological specimens such as blood, urine, and swabs, ensuring accurate diagnostic results.
- Performed data entry, collection, and analysis using Microsoft Excel and Access, achieving 99.7% accuracy in health certification reports while applying cybersecurity protocols to secure sensitive patient data.
- Evaluated and pre-processed sensitive patient data, ensuring compliance with data quality, security, and medical standards.
- Communicated laboratory results and data insights to stakeholders, demonstrating clarity and precision in reporting for healthcare and travel purposes.

Technical Support Specialist (Freelance)

Training Projects, Remote

2023 – Present

- Developed simple database-driven programs using AI tools, Python, and SQL basics, ensuring high-quality, secure datasets for various applications.

- Provided remote technical support via TeamViewer, troubleshooting software, connectivity, and database issues with detailed documentation of solutions.
- Collected and organized data for projects, working independently in flexible remote environments without reliance on unauthorized AI tools, while incorporating medical data handling practices from laboratory experience.

Data Analyst

Naguru Community Health Project, Kampala, Uganda

June 2023 – December 2023

- Designed a data management system using Excel and Access, improving data accuracy by 30% through rigorous cleaning, validation, and integration of health-related datasets from community laboratory screenings.
- Conducted data collection and pre-processing, utilizing beginner-level Python scripts to organize large datasets from medical surveys and lab results.
- Created data visualizations and reports to communicate health trends, ensuring accuracy and clarity for community leaders while applying cybersecurity best practices.
- Mentored team members on data entry, management, and basic laboratory data interpretation, fostering best practices in data quality assurance and medical accuracy.

Laboratory Technician (Part-Time)

Glory Of Christ Medical Centre, Kawaala, Uganda

September 2021 – November 2022

- Processed and analysed a wide range of laboratory samples, including haematology, microbiology, and clinical chemistry tests, maintaining 99.7% accuracy in data entry, reporting, and diagnostic outcomes using Excel.
- Evaluated data and laboratory results for consistency and accuracy, applying cybersecurity best practices to protect sensitive patient information in a clinical setting.

- Collaborated with healthcare teams to interpret and explain laboratory findings, contributing to patient diagnosis and treatment plans.

Laboratory Technician (Part-Time)

Doctore Clinic, Busega, Uganda

January 2021 – September 2021

- Managed laboratory operations, including sample preparation, testing, and result verification for routine medical check-ups and diagnostics.
- Handled data entry and reporting using Excel, ensuring precision in data collection, organization, and medical record-keeping.
- Evaluated laboratory results for accuracy, contributing to reliable reporting processes and patient care improvements.

Laboratory Technician Intern

Kyambogo University Medical Centre, Kampala, Uganda

January 2021 – May 2021

- Assisted in comprehensive laboratory procedures, including electronic health record management, sample analysis, and quality control checks.
- Gained hands-on experience in data organization, relational database concepts, and ensuring compliance with data security and medical standards.
- Supported data collection and quality assurance for university health services, applying foundational skills in laboratory technology and secure data handling.

Technical Skills

- **Medical Laboratory Skills:** Proficient in sample collection, processing, analysis (haematology, microbiology, clinical chemistry), diagnostic reporting, and quality control in clinical environments.

- **Data Management & Analysis:** Proficient in Microsoft Excel (functions, formulas, visualizations); beginner-level Microsoft Access (queries, database concepts); beginner-level Python (data cleaning, analysis); SQL basics.
- **Cybersecurity:** Knowledge of data security protocols, encryption, threat prevention, and best practices (Cisco Networking Academy).
- **Database Engineering:** Hands-on experience developing database-driven programs using Python and SQL, with familiarity in PostgreSQL and Docker through self-study.
- **Virtual Assistance & Technical Support:** Skilled in remote support via TeamViewer, command-line interfaces, report creation, and clear communication for diverse tasks.
- **Software Proficiency:** Microsoft Word, PowerPoint, Excel; familiar with Electronic Health Records (EHRs), patient data systems, and multimedia tools.
- **Communication:** Adept at creating clear reports, visualizations, and presentations for technical and non-technical audiences.

Key Competencies

- **Medical Expertise:** Extensive hands-on experience in laboratory diagnostics, patient data handling, and healthcare compliance, ensuring accurate and ethical medical practices.
- **Analytical & Problem-Solving Skills:** Strong in data evaluation, troubleshooting technical issues, and optimizing workflows across medical, data, and security domains.
- **English Proficiency:** Native-level fluency, with proven ability to communicate complex medical, data, and technical insights clearly.
- **Attention to Detail:** Achieved 99.7% accuracy in laboratory and data tasks, improving systems by 30% through meticulous quality assurance.
- **Independent & Team Work:** Successfully managed remote projects and collaborated in healthcare teams, adhering to guidelines with high integrity.
- **Adaptability:** Quick learner, mastering tools like Python, SQL, and cybersecurity through self-study, adaptable to roles in AI data, database, security, virtual assistance, and medical fields.

- **Leadership:** Demonstrated in organizing events and mentoring on data and laboratory practices.

Leadership & Achievements

- **Male Mobilizer**, Northern Uganda Student Association, Nsambya Hospital Training School (2019–2020)
 - Organized student events, tournaments, and fundraising drives, enhancing organizational and leadership skills.
- Delivered a research presentation to experts, earning praise for clarity and professionalism in communicating medical and technical findings.

Languages

- English: Proficient
- Luganda: Excellent
- Acholi: Native

Referees

Mr. Canrach Kennedy (Pharmacist)

Tel: +256781051663

Email: canrachk@gmail.com

Mr. Lakwera Christopher (Laboratory Technician)

Tel: +256784052922

Email: lakwerachristopher@gmail.com

Declaration

I, Musasa Christopher, declare that all information provided in this curriculum vitae is true and accurate to the best of my knowledge. I am committed to performing tasks across medical laboratory, data, cybersecurity, database, and virtual assistance fields without the use of unauthorized AI tools, ensuring compliance with requirements. I am available to provide further clarification or documentation as needed.

