David Toluwani AJAYI

+2348147390787 | Ajayidav24@gmail.com | LinkedIn

SUMMARY

Detail-oriented and highly competent Medical Laboratory Scientist (MLSCN & (ASCPi)^{CM} with over 3 years of clinical experience performing high-complexity testing across hematology, chemistry, microbiology, urinalysis, and transfusion services. Proven ability to deliver accurate and timely results using advanced laboratory analyzers while maintaining strict quality and safety standards. Experienced in specimen processing, Quality Control and assurance, instrument calibration, and troubleshooting. Strong team collaborator with a track record of improving workflow efficiency and supporting high-quality patient care. Committed to continuous learning and professional development in clinical laboratory science.

WORK EXPERIENCE

Cedarcare Hospital, Lagos State, Nigeria **Jun 2025 – Present**

Head of Medical Laboratory Services

- Coordinated daily laboratory operations and supervised testing across hematology, chemistry, and microbiology benches.
- Maintained accurate LIMS documentation and ensured 100% compliance with laboratory safety.
- Implemented a Quality Control review system, reducing documentation errors by 40%
- Successfully analyzed over 2,000 patient samples with consistent accuracy and adherence to clinical standards.
- Reduced turnaround time for CBC, CMP, and urinalysis by approximately 60% through process design.
- Trained and supervised a team of laboratory technicians and Interns, resulting in improved accuracy and efficiency in test results and increased productivity

Apochi Memorial Hospital, Benue State, Nigeria. **May 2024 – Apr 2025**

Head of Medical Laboratory Services

- Oversaw daily laboratory workflow for 70–120+ patients per day
- Developed and implemented quality control procedures, ensuring compliance with regulatory standards and reducing errors
- Collaborated with healthcare providers to interpret test results and provide recommendations for patient care, resulting in improved patient outcomes and satisfaction
- Provided technical information about specimen collection, sample transport, sample identification, required documents, test methods, and other technical information to the RN's, physicians, or laboratory clients.

Obafemi Awolowo University Teaching Hospital Complex, Ife, Osun, Nigeria. **Jan 2023 - Jan 2024**

Medical Laboratory Science Intern

- Performed bench-level testing in hematology, microbiology, chemical pathology, histopathology, and molecular biology units.
- Successfully collected and processed over 350 CBCs bi-weekly
- Successfully processed over 700 samples for tuberculosis gene-expert samples in one shift
- Utilized advanced laboratory equipment and techniques to identify and diagnose complex medical conditions, including cancer and infectious diseases
- Assisted in equipment maintenance and daily Quality Control verification across multiple analyzers.

Federal Medical Centre Owo, Ondo, Nigeria. **Oct 2019 - Aug 2022**

Medical Laboratory Science Student Intern

- Performed tests across hematology, chemistry, microbiology, and histopathology
- Performed basic troubleshooting on equipment used for testing
- Handled over 500 monthly samples with a <2% correction rate.
- Ensured compliance with LIMS documentation and bench safety protocols
- Maintained temperature-dependent equipment such as refrigerators, freezers, incubators, water baths, and heat blocks

EDUCATION

Achievers University, Owo – Ondo, Nigeria **Oct 2017– Aug 2022**
Bachelor Of Medical Laboratory Science (B.MLS)

SKILLS

- Clinical Chemistry techniques
- Blood bank and transfusion medicine
- Semen Analysis
- Hematology Techniques
- Phlebotomy
- Medical Records (EMR &LIMS)
- Medical Microbiology Techniques
- Blood Typing
- Calibration and Instrumentation
- Molecular Biology and PCR
- ELISA
- Electrophoresis

TECHNICAL SKILLS

- **Chemistry**: Mindray BS-2800M, Cobas c411/c311
- **Hematology**: Sysmex KX-21N
- **Molecular Biology**: Qiagen Rotor-Gene Q, Cobas TaqMan, Cobas z4800, Gene-Xpert
- **Flow Cytometry**: Partec CyFlow
- **Blood Gas**: Edan i15 Blood Gas Analyzer, Roche Reflotron Plus
- **Automation**: Cobas e411, Cobas z4800, Cobas Ampiprep

CERTIFICATIONS AND LICENSE

AMERICAN SOCIETY FOR CLINICAL PATHOLOGY (ASCPi)^{CM}
MEDICAL LABORATORY SCIENCE COUNCIL OF NIGERIA