

AKINSANYA HABEEB AKINTUNDE

Biomedical & Mechanical Engineer

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PROFESSIONAL SUMMARY

Biomedical and Mechanical Engineer experienced in the installation, preventive and corrective maintenance, calibration and troubleshooting of hematology, clinical chemistry and CLIA analyzers, alongside HVAC and facilities maintenance across 500+ government facilities. Supported 70+ client engagements through product demonstrations and technical consultations, and reduced equipment downtime by approximately 4% through end-user training. Graduate Member of NIMechE and NSE, committed to quality, safety and regulatory compliance.

CORE SKILLS

Biomedical Equipment Engineering

- Installation, commissioning and user acceptance testing
- Planned preventive maintenance (PPM) and corrective maintenance
- Calibration and performance verification
- Fault diagnosis, troubleshooting and root cause analysis
- Hematology, clinical chemistry and CLIA (chemiluminescence) analyzers
- Spare parts and consumables management

Project and Documentation

- Project planning, scheduling and coordination
- Service, inspection and compliance reporting
- Quality assurance and regulatory compliance
- Equipment records and maintenance logs

Mechanical and Facilities Engineering

- HVAC installation, servicing and inspection
- Lift and elevator fault diagnosis
- Site inspection, safety and compliance auditing
- Contractor and technician supervision
- Maintenance planning and scheduling

Technical Support and Sales

- Technical product demonstration and client consultation
- End-user training and equipment handover
- After-sales and field service support
- Customer relationship management

Professional Strengths

- Analytical problem solving
- Time management and task prioritization
- Cross-functional teamwork and stakeholder communication

PROFESSIONAL EXPERIENCE

Biomedical Equipment Engineer (NYSC Corps Member), Engineering Department

Laboria | 2025 – Present

- Perform preventive and corrective maintenance, troubleshooting and calibration of hematology, clinical chemistry and CLIA analyzers in line with quality and regulatory standards.
- Trained end-users on correct equipment operation, reducing operator errors and cutting downtime by approximately 4%.
- Supported 70+ client engagements through product demonstrations and technical consultations.
- Collaborated with engineering and sales teams to deliver tailored solutions that improved customer satisfaction.
- Prepare service reports documenting faults, corrective actions and outcomes.

Facilities Maintenance Engineer

Ministry of Works and Infrastructure, Lagos State | 2023 – Present

- Inspect and oversee HVAC systems across 500+ government facilities, assessing performance, safety and compliance with engineering standards.
- Supervise installation, servicing and preventive maintenance of air-conditioning systems.
- Support inspection, fault diagnosis and maintenance of lifts and elevators for safe, reliable operation.
- Coordinate technicians and contractors to deliver maintenance to specification and timeline.
- Prepare technical inspection, maintenance and compliance reports.

EDUCATION

Bachelor of Engineering (B.Eng), Mechanical Engineering

Kwara State University, Malete (KWASU) | 2019 – 2024

Final-year project: Effect of Cooling Media on the Mechanical Properties of Heat-Treated Zinc-Copper Alloy Composite. Prepared tensile, compressive, hardness and microstructural specimens in accordance with ASTM standards.

National Diploma (ND), Mechanical Engineering

Kwara State Polytechnic, Ilorin | 2015 – 2017

Project: Design, operation, safety and maintenance of steam boiler systems used for industrial heating and power generation, with emphasis on energy efficiency and safe engineering practice.

PROFESSIONAL MEMBERSHIPS AND CERTIFICATIONS

- Graduate Member, Nigerian Institution of Mechanical Engineers (NIMechE), 2024
- Graduate Member, Nigerian Society of Engineers (NSE), 2024
- Project Management Professional Certificate, IPRM Management, 2026
- Biomedical/Technical Sales Certificate, Laboria, 2025
- Vocational and Entrepreneurship Skills Training, STA, 2017

ADDITIONAL EXPERIENCE

Secondary School Tutor, Blessed Model College, Aseese, Ogun State | July – November 2017

Private Home Tutor | October 2018 – January 2019

REFERENCES

Available on request.