

Ebunoluwa Joy Akinjalu

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SUMMARY

Mechanical Engineering graduate with practical experience in maintenance operations, equipment inspection, and electrical systems troubleshooting gained during my NYSC at the Ministry of Works and Public Transport, Ibadan. Equipped with a strong foundation in structural design, mechanical systems, and technical problem-solving, complemented by excellent communication and teamwork skills. Demonstrated ability to support engineering projects, maintain operational efficiency, and collaborate effectively in multidisciplinary environments. Seeking a Graduate Trainee role to apply analytical thinking, technical expertise, and a disciplined approach to engineering, manufacturing, quality assurance, or supply chain operations.

EDUCATION

Olusegun Agagu University of Science Technology—Okitipupa, Ondo State November 2018 – Sept, 2024
Bachelor of Engineering in Mechanical Engineering
Second Class Upper

Relevant Coursework: Thermodynamics, Fluid Mechanics, Engineering Drawing, Machine Design, Finite Element Analysis, Control Systems, Engineering Mathematics.

SKILLS

- **Tools:** Microsoft Office Word.
- **Leadership:** Team Collaboration, Effective Communication, Conflict Resolution.
- **Administrative:** Technical Reporting, Document Organization.

PROJECT

Development of a Block Ejection Mechanism for an Impact Moulding Machine May 2024 – Sep 2024
Senior Capstone Project

- Utilized AutoCAD to develop detailed engineering drawings and design models for a semi-automated block ejection system.
- Collaborated with a team of four students in the fabrication and assembly of the developed mechanism.
- Conducted performance evaluation and testing to assess operational efficiency and reliability.
- Prepared technical documentation and successfully defended the project before internal and external examiners.

WORKED EXPERIENCE

Graduate Engineer NYSC – Place of Primary Assignment (PPA) June, 2025 – May, 2026
Ministry of Works and Public Transport, Ibadan, Oyo State

- Collaborated with the Mechanical Department to carry out preventive and corrective maintenance on government fleet vehicles and heavy-duty equipment.
- Assisted senior engineers in conducting site inspections and evaluating mechanical installations to ensure compliance with safety and quality standards.
- Maintained accurate records of maintenance activities, spare parts inventory, and equipment servicing schedules.
- Participated in infrastructure maintenance projects and engineering assessments across government facilities.
- Facilitated effective communication between mechanical and electrical teams to ensure smooth execution of integrated engineering projects.

Engineering Intern

April 2023 - November 2023

Ministry of Works and Public Transport, Ibadan, Oyo State

- Executed plumbing and pipe-fitting activities for public drainage and waste management systems.
- Conducted testing and inspection of mechanical components to identify defects and ensure operational effectiveness.
- Assisted in preventive maintenance and repair of mechanical and utility equipment.
- Supported engineering teams in infrastructure maintenance and project execution activities.

Student Work Experience Program (SWEP) Intern

December 2021 - January 2022

Olusegun Agagu University of Science and Technology – Okitipupa, Ondo State

- Contributed to the design and development of a functional refrigeration system as part of an engineering project.
- Assisted in the construction and testing of electrical circuits for practical engineering applications.
- Fabricated mechanical components using workshop tools and equipment.
- Performed welding operations and participated in pathway and kerb construction projects.

CERTIFICATIONS & MEMBERSHIPS

- Graduate Member, Nigerian Society of Engineers (NSE)
- National Youth Service Corps (NYSC) Discharge Certificate

REFERENCE

Available upon request.