

Olaitan Olalekan Ridwan

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Professional Summary

Results-driven Agricultural Engineering graduate with hands-on experience in manufacturing operations, machine maintenance, and production line management within a fast-paced industrial environment. Skilled in improving operational efficiency, coordinating teams, reducing downtime, and supporting quality-driven production processes. Demonstrates strong leadership, problem-solving, and communication abilities, with a passion for continuous improvement, technical development and delivering measurable results.

Professional Experience

- Ace Farms and Feedmill** July 2025 - Till date
Process Engineer
 - Monitor critical process parameters throughout grinding, mixing, pelleting, drying, oil coating, cooling, and bagging operations.
 - Investigate process deviations and implement corrective actions to minimize production losses.
 - Optimize machine parameters such as moisture, temperature, feed rate, and extrusion settings to achieve consistent floating feed quality.
 - Coordinate and manage production team members to maintain efficiency, discipline, and workplace safety.
 - Troubleshoot production challenges including poor pellet quality, floating feed defects, dryer performance, and equipment inefficiencies.
 - Ensure all products meet quality specifications, including pellet durability, floatability, moisture content, and dust levels.
 - Collaborate with maintenance, quality control, and production teams to minimize downtime and improve equipment reliability
 - Conduct Root Cause Analysis (RCA) for recurring process failures and recommend sustainable solutions.
 - Prepare production reports and communicate operational updates to management.
 - Ensure compliance with safety, quality, and operational standards throughout production activities.
- Nestle Nig Plc, Agbara.** September 2024 - June 2025
NYSC (Production Maintenance Support)
 - Worked closely with maintenance engineers to improve equipment reliability and reduce operational downtime
 - Assisted in preventive and corrective maintenance activities on forklifts, electric pallet stackers and other warehouse equipment to improve equipment reliability and availability.
 - Supported fault diagnosis and troubleshooting of mechanical systems
 - Performed machining operations including milling, drilling, boring, tapping and facing for component repairs
 - Assisted in root cause analysis of recurring equipment failures helping to reduce breakdown frequency and improve process stability
- Chi Ajanla Farms** November 2021 - March 2022
IT (Quality Control)
 - Inspect raw materials to ensure they meet production standards.
 - Monitor production processes to maintain product consistency and quality.
 - Test finished products to confirm they meet specifications and customer requirements.
 - Reduce wastage, rework, and operational errors through continuous quality checks.
 - Maintain quality records, reports, and documentation for traceability.
 - Work closely with production and maintenance teams to improve efficiency and product performance

Education

- University of Ilorin** 2023
Agricultural and Biosystems Engineering
Second class upper (4.01/5.00)

Research Experience

- **Design and Fabrication of a Bran Drying machine**

Undergraduate Capstone Project – University of Ilorin

- Developed methodology from the project idea
- Reviewed relevant literature on bran processing
- Carried out process design and fabrication of the machine
- Carried out tests on the fabricated machine
- Carried out analysis on data and presented research results

Skills

- Process Monitoring, Troubleshooting & Optimization.
- Root cause Analysis (RCA)
- Lean Manufacturing Fundamentals
- Analytical thinking and Time management
- Leadership and workforce coordination
- Preventive Maintenance
- Microsoft office suites (Word Excel and PowerPoint)

Professional Development And Certification

- Control of Substance Hazardous to Health (COSHH) Risk Assessor
- Health Safety and Environment 1,2,3
- Workplace safety leadership
- Lean six sigma (Yellow belt)

Leadership And Volunteering Activities

- **Volunteer Faculty of Engineering International Conference (FETICON) 2023 University of Ilorin, Kwara State.**
 - Managed conference social media accounts, engaged with attendees and provided event directions.
 - Supported post-conference cleanup, including equipment dismantling and venue maintenance, and assisted with transportation arrangements as needed.
- **Departmental President Agriculture and Biosystems Engineering Students' Association (ABESA) University of Ilorin Chapter 2022-2023**
 - Oversaw the organization's activities.
 - Advocating for the needs and interests of students of the association.
 - Fostering a sense of community and collaboration among students of the association.
 - Serving as a liaison between students, faculty, and overall university administration.
- **Team Lead Community Based Experience Work Scheme (COBES) University of Ilorin, Kwara State 2022.**
 - Led a group of 63 university students to carry out development projects in a community located in Kwara State, Nigeria.

Professional Membership

- Graduate member, Nigeria Society of Engineers

Achievements & Awards

- Certificate of recognition by the Nigeria Society of Engineers Ilorin branch for exemplary leadership. 2023

Reference

- References are available upon Request