

ABEJOYE JOSHUA DAMILOLA

CHEMICAL & PROCESS ENGINEER

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PROFESSIONAL SUMMARY

Fresh and high-achieving Chemical Engineering graduate with practical industrial experience in quality assurance, process control, contamination risk assessment, equipment handling, and technical documentation. Experienced in sampling raw materials and finished products, supporting Standard Operating Procedures (SOPs), maintaining accurate traceability reporting, and collaborating with cross-functional teams to drive process discipline and operational efficiency.

TECHNICAL EXPERTISE & CORE COMPETENCIES

Process Engineering & QA/QC	Process control and parameter monitoring, Physicochemical Analysis (FFA, Peroxide Value, Moisture Content), quality assurance and quality control (QA/QC), Process Yield Optimisation.
Design & Plant Operations	AutoCAD (PFD/P&ID Creation, 2D Plant Layouts), Systematic Sampling & Analytical Testing, SOP Execution & Batch Documentation.
Safety, Risk & Compliance	IWCF Level 1 Certification (Well Control), Safety Procedures & Hazard Identification, Contamination Control, Industrial Standards.
Software & Technical Tools	Microsoft Excel (Technical Data Recording & Charting), MS Office Suite, Technical Report Writing.

PROFESSIONAL EXPERIENCE

Quality Control Intern

Lagos, Nigeria

Comfort Vegetable Oil Limited

July 2023 – Nov 2023

- Conducted physicochemical analysis of raw materials, in-process samples and finished vegetable oil products.
- Performed sampling procedures, maintained accurate batch documentation for product traceability, analysed and reported laboratory results to support quality-control and production activities.
- Worked with production personnel to support compliance with established Standard Operating Procedures (SOPs), HACCP, ISO 22000 and Good Manufacturing Practices (GMP) requirements.
- Operated and calibrated laboratory equipment including pH meters, moisture analysers and titration apparatus.
- Supported contamination-control and risk-assessment activities within the production environment.

NYSC Corp Member | Technical Support & Maintenance Intern

Kwara, Nigeria

Teez Gadgets & Gaming Store

May 2025 – April 2026

- Performed basic electrical maintenance and fault diagnosis on gaming consoles and gadgets, ensuring consistent equipment uptime for customer use and display.
- Monitored and maintained gaming systems to ensure smooth, uninterrupted operation, promptly identifying and escalating technical faults.
- Coordinated equipment handover for external repair when issues exceeded in-store fixing capacity, tracking devices through the repair process.
- Attended to customer inquiries and after-sales support, addressing technical concerns and product-related issues.

Freelance Content Writer & Scriptwriting Consultant | Team Lead, JEI.

Remote

Independent / Upwork

2022 – Aug 2026

- Delivered over 1000+ completed freelance projects across Upwork and independent client engagements, generating six-figure cumulative revenue in dollars while maintaining a 100% Job Success Score and Top Rated status on Upwork.
- Achieved a 4.9/5 average client rating across over 250+ Upwork reviews, reflecting consistent technical accuracy, reliability, and clear written communication.
- Founded and led an informal team of 10–15 independently sourced contributors (JEI – "Just Execute It") from 2023–2026, coordinating project assignments, reviewing output quality, and ensuring timely delivery across concurrent client contracts.
- Produced technical scripts and explainer content translating complex, process-driven subject matter into clear, structured narratives for varied audiences.
- Coordinated directly with clients and collaborators across different regions and time zones, managing project scope, deadlines, and revisions through remote meetings and written correspondence.
- Provided paid technical consultations to clients, advising on content strategy, structure, and technical accuracy for scripts and documentation.
- Managed end-to-end project delivery from client onboarding through team execution to final revisions, reinforcing skills in leadership, documentation, technical communication, and process discipline transferable to engineering environments.

KEY ENGINEERING PROJECTS & RESEARCH

Design of a 50,000 TPA Pyrolysis Plant for Liquid Fuel Production from HDPE Waste Capstone Design Project

- Engineered complete process flowsheets for high-density polyethylene (HDPE) thermal pyrolysis, vapor condensation, and liquid fuel recovery.
- Formulated rigorous material and energy balances across the pyrolysis reactor, condenser, and fractionating units to optimize fuel oil yield.
- Performed comprehensive economic feasibility studies, preliminary equipment sizing, and Environmental Impact Assessments (EIA) to ensure project sustainability and SDG alignment.
- Formulated process control strategies and safety mitigation measures to maintain operational efficiency, environmental compliance, and risk containment.

Ground-Level Concentration Analysis of Particulate Emissions from Diesel Generators B.Eng Research Thesis

- Quantified particulate emissions from stationary diesel generators and applied ISC-AERMOD dispersion modeling to predict ground-level concentrations (GLC) across receptor environments.
- Analyzed spatial isopleth maps and environmental data to evaluate pollutant dispersion behavior, assessing environmental and public health risks against WHO and US EPA air quality standards.

EDUCATION

Bachelor of Engineering (B.Eng.) in Chemical Engineering

Graduated: 2024

University of Ilorin, Kwara State, Nigeria | **Grade:** Second Class Upper

CERTIFICATIONS & PROFESSIONAL AFFILIATIONS

Certifications:

- COSHH Risk Assessor Certification — The Knights of Safety™ Academy
- IWCF (Level 1) — International Well Control Forum
- Certification of National Service — National Youth Service Corps

Professional Memberships:

- Graduate Member — Nigerian Society of Chemical Engineers (NSChE)
- Graduate Member — Nigerian Society of Engineers (NSE)
- Member — International Association of Engineers (IAENG)

CONFERENCES & LEADERSHIP ACTIVITIES

- **Delegate:** Drug Abuse Awareness for Secondary School (Feb 2026)
- **Participant:** Faculty of Engineering and Technology Conference (FETiCON), UNILORIN (Jun 2024)
- **Participant:** Nigerian Journal of Technological Development (NJTD) Technical Writing Workshop (Sept 2023)
- **Community Leadership:** NSChE Unilorin Chapter - Assistant General Secretary | NYSC Community Development Service | Drug Abuse Initiative Project | Community Educational Support (COBES)