OLATUNDE IYANUOLUWA OLAYEMI

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EDUCATION

University of Lagos, Nigeria

BSc. Pure and Applied Chemistry | CGPA: 4.25   Jan 2020 – Aug 2024

University of Lagos, Nigeria

Diploma in Pharmacy   Sept 2018 – July 2019

Achievement: Participated in Prof. Alo Organic Chemistry Competition (2021)

PROFESSIONAL EXPERIENCE

Software Engineer

HBB.Chat (Remote)   Jan 2023 – Present

- Built a scalable backend API using Node.js and NestJS, reducing inefficiencies by 30%.
- Designed a responsive dashboard with ReactJS, enhancing user engagement by 25%.
- Developed a secure multi-user authentication system with role-based access.

Contract Staff – Quality, Environmental & Occupational Health & Safety (QEOHS) – Process Analyst

Leitung Gate Limited – Lagos, Nigeria   Nov 2024 – Apr 2025

- Contributed to the implementation and integration of ISO 9001:2015 (Quality Management), ISO 14001:2015 (Environmental Management), and ISO 45001:2018 (Occupational Health & Safety) into company operations.
- Conducted and participated in internal audits, risk assessments, and gap analysis workshops, leading to improved audit preparedness and hazard mitigation strategies.
- Drafted, reviewed, and updated Standard Operating Procedures (SOPs), policies, and manuals in alignment with ISO standards.
- Supported document control systems, ensuring timely updates and adherence to compliance standards during inspections and third-party audits.
- Collaborated with cross-functional teams to drive process improvement, incident tracking, and CAPA (Corrective and Preventive Action) implementation.
- Coordinated training sessions and awareness workshops on quality, safety, and environmental policies.
- Utilized MS Excel, PowerPoint, and Word for compliance reporting, audit dashboards, and data visualization.
- Played a key role in the company's successful audit readiness, regulatory alignment, and certification maintenance.

Lab Analyst Intern

Central Research and Reference Laboratory, University of Lagos   Jul 2022 – Nov 2022; Apr 2021 – Aug 2021

- Conducted chemical analyses on 50+ materials monthly, achieving 100% ISO compliance.
- Operated UV-Vis Spectrophotometers and Chromatographs with <2% error rate.
- Prepared 25+ detailed reports aiding quality control and audit readiness (20% efficiency boost).

Educationist

Private Tutoring Services   June 2019 – Oct 2024

- Prepared students for Direct Entry (JUPEB) with a 75% success rate.
- Tutored over 60+ UTME/JAMB students with an 89% pass rate.
- Delivered tutoring for A-Levels and IGCSE, resulting in 92% of students gaining top university placements in Nigeria and outside Nigeria.

SKILLS

Languages & Frameworks: Python, JavaScript, Java, React, NextJS, ExpressJS, Flask, NodeJS

AI & Data: TensorFlow, Keras, PyTorch

Backend & Databases: TypeScript, PostgreSQL, MySQL, MongoDB

Frontend Tools: HTML5, CSS3, ReactJS

DevOps & Tools: Docker, Kubernetes, Git

Lab Skills: UV-Vis Spectroscopy and Metal Analysis Equipment, Atomic Absorption Spectrophotometer (AAS), Chromatography (Paper, Thin Layer, and Column), Titrimetric and Gravimetric Analysis, pH, Acidity, Salinity, and Alkalinity Tests, Chloride Test, Total Solids (TS) & Total Suspended Solids (TSS) Analysis, Ash Content Determination, Moisture Content Analysis, Standard Operating Procedures (SOPs), Sample Preparation Techniques, Laboratory Glassware Handling, Laboratory Safety & Waste Management, Laboratory Ethics, Scientific Documentation & Technical Reporting.

Education: British, American, and Nigerian curricula; A-Levels, IGCSE, JAMB coaching

Business Tools: MS Excel, PowerPoint, Word

Compliance & ISO: ISO 9001, 14001, 45001, risk management, documentation, audit prep.

RESEARCH AND PROJECTS

- **E-Commerce Backend System:** Architected scalable backend using Node.js & PostgreSQL, supporting 200+ active users with robust data security and performance optimization.
- **Inventory Management App:** Built a full-featured inventory tracking web app using ReactJS & NestJS, increasing stock accuracy by 40% and reducing reporting errors.
- **Task Management Tool:** Developed a responsive workflow application using ReactJS & Express.js to streamline task tracking and project collaboration.
- **Chemical Quality Research:** Designed an innovative chemical analysis methodology, reducing test turnaround time by 15% while improving precision by 10%.
- **Iron Analysis in Alcohol:** Applied UV-Vis and Atomic Absorption Spectrophotometry (AAS) techniques to enhance lab throughput by 25% and reduce processing time by 15%.
- **Eco-Friendly Reagents Project:** Contributed to a sustainability-focused chemical research initiative, reducing hazardous waste generation by 25% through the development of environmentally friendly reagents.
- **IMS Integration & ISO Implementation (Leitung Gate Limited):** Actively participated in the development and implementation of an Integrated Management System (IMS) aligning with ISO 9001:2015 (Quality), ISO 14001:2015 (Environmental), and ISO 45001:2018 (Occupational Health & Safety). Provided onsite support, facilitated system integration, and supported internal audits and documentation processes.

CERTIFICATIONS

- Professor Alo Organic Chemistry Competition (2021)