

# ONWE FRANCIS CHIEMERIE

Petroleum Engineer · Technical & Content Writer · Regulatory Affairs  
Ajao Estate, Lagos, Nigeria | +234 812 882 8214 | onwe francis123@gmail.com | [LinkedIn](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

Petroleum Engineering graduate (B.Eng., Second Class Upper) with hands-on industry experience across upstream production operations, drilling-fluids laboratory research, and regulatory compliance — combined with 3+ years of freelance technical and long-form writing that translates complex engineering and scientific subject matter into clear, accurate, audience-friendly English. Experienced in evaluating technical documents for accuracy, completeness and clarity: production reports, field-development plans, work programs, regulatory dossiers and laboratory data. Strong research, fact-verification and data-analysis habits, with advanced Microsoft Excel and structured documentation skills. Builder of a live AI prompt-builder web app (Aptframe).

## CORE COMPETENCIES

- Technical & Long-Form Writing | Explaining Complex Concepts Clearly | Research & Fact Verification
- Data Analysis & Technical Reporting (Advanced Excel) | Document Review & Quality Evaluation
- Petroleum Engineering: Drilling, Reservoir & Production | Well Integrity & HSE | Drilling-Fluids Laboratory Testing
- Regulatory Affairs & Compliance (NAFDAC, NUPRC, PIA) | CTD/Dossier Documentation
- Content & Script Writing | SEO-Structured Content | Editing for Clarity & Tone
- AI Tools & Workflows: Prompt Design & Refinement | Evaluating AI Outputs | AI-Assisted Product Building

## PROFESSIONAL EXPERIENCE

- Regulatory Officer | NCI Pharm Chem. Ind.**

Lagos, Nigeria · 2026 – Present

  - Manage regulatory tracking for 50+ products across NAFDAC registrations, renewals, import permits and listing certificates, maintaining accurate manufacturer, supplier, expiry and status records.
  - Prepare and review regulatory submissions — product artwork, packaging, CTD/dossier documentation and supporting evidence — reconciling product and company data across records to eliminate recurring inconsistencies.
  - Maintain expiry trackers that initiate renewals at least 3 months ahead of deadlines, and close documentation gaps with internal teams, manufacturers and regulators within short, defined turnaround times.
- Production Engineering Intern | Nigerian Upstream Petroleum Regulatory Commission (NUPRC)**

Nigeria · Oct 2024 – Feb 2025

  - Reviewed and analysed 10+ operator production reports for compliance with regulatory requirements and production targets, supporting reservoir-performance evaluation and management reporting.
  - Reviewed 10+ technical documents including field-development plans and operator work programs, contributing to technical review and documentation workflows.
  - Prepared regulatory reports and presentations for senior engineers, translating technical findings into clear decision-support material for review meetings.
  - Applied practical knowledge of the Petroleum Industry Act (PIA) to production-engineering and compliance activities.
- Freelance Technical & Content Writer | Remote**

2023 – Present

  - Develop long-form explainer content, structured scripts and SEO-optimised guides for freelance clients, translating technical and complex topics into clear, engaging written English.
  - Conduct in-depth research with source verification; structure outlines, narratives and introductions for audience retention.
  - Edit and refine written material for clarity, tone, accuracy and readability.
- Research Assistant | Petroleum Laboratory, Federal University of Technology, Owerri**

Owerri, Nigeria · Aug 2023 – Apr 2024

  - Conducted 15+ drilling-fluid laboratory tests (rheology, mud weight, fluid loss, pH), generating and documenting technical data for drilling-performance evaluation.
  - Evaluated drilling-hydraulics performance and wellbore-stability implications from laboratory results; supported flow-assurance research on scale and asphaltene deposition.
  - Improved laboratory data repeatability by ~20% by standardising calibration, test documentation and data-recording procedures.

## PROJECTS

---

### Aptframe — AI Prompt-Builder Web App | Personal Project

2026

- Designed, built and deployed a live web application that converts user goals into structured, reusable AI prompts through a guided 7-field brief (Define → Generate → Apply).
- Stack: Next.js, TypeScript, Supabase (PostgreSQL); Google Gemini API integrated through protected serverless functions; deployed on Netlify.

[Live demo: aptframe-beta.netlify.app/generator](https://aptframe-beta.netlify.app/generator)

## EDUCATION

---

### B.Eng. Petroleum Engineering — Second Class Upper (CGPA 3.55/5.00) | FUTO

Aug 2020 – Oct 2025

Relevant coursework: Drilling Technology · Reservoir Engineering · Petroleum Production Engineering · Well Completion & Stimulation · Surface Production Operations

Final-year research: laboratory-based investigation of nanoparticle retention in porous media and permeability alteration in nanoparticle-assisted enhanced oil recovery (EOR).

## SKILLS & TOOLS

---

- **Writing & Communication:** technical writing, long-form explainers, script writing, SEO structuring, editing, fact verification — native-level written and spoken English
- **Data & Analysis:** Microsoft Excel (advanced), production-data analysis, laboratory data analysis & documentation, technical reporting
- **Engineering & Technical:** drilling fluids, well integrity, production monitoring, AutoCAD, HSE (JSA, HIRA, PTW)
- **AI Tools:** generative AI workflows, prompt design & refinement, evaluating AI outputs, responsible AI use (Google AI Essentials — Coursera)
- **Languages:** English (fluent), Igbo, Yoruba

## CERTIFICATIONS & AFFILIATIONS

---

- Google AI Essentials — Google via Coursera
- Health, Safety & Environment (HSE) Certification, Levels 1-3 (OSHA) — Feb 2023
- Level 1 Oil Field Rigging — Otsego Oil and Gas Limited — Mar 2024
- Society of Petroleum Engineers (SPE) — Student/Young Professional Member, SPE FUTO Chapter
- Chapters Executive President, Nigerian Universities Engineering Student Association (NUESA) — 2023-2025