

IRENE ORIAREWO

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OBJECTIVE

Petroleum Engineering graduate with hands-on experience in project execution and engineering management. Offering strong capabilities in execution planning, technical coordination, engineering and stakeholder management to support successful project delivery in alignment with company standards and processes, while adhering to responsibility in sustainability and business line strategies.

PROFESSIONAL EXPERIENCE

Deepwater Consultancy and Engineering Services Limited

Graduate Subsea Project Engineer | July 2023 – Present

Key Field Service Projects:

- Chevron Agbami FPSO Flexible Riser Annulus Test**
 - Conducted field installation testing and troubleshooting of flexible riser systems, including annulus positive pressure testing to assess outer sheath integrity and end-fitting condition
 - Performed on-site equipment inspection, functional testing, and performance validation following strict safety protocols and technical procedures
 - Documented critical operational parameters including pressures, temperatures, and flow rates during field operations
 - Coordinated with client representatives and contractors to ensure seamless execution of testing procedures
- OML 126 Umbilical Flowline Topside Testing (Antan Producing Limited)**
 - Developed comprehensive method statements and execution plans for umbilical flowline pressure testing operations
 - Led client and contractor coordination throughout project lifecycle, ensuring compliance with technical specifications
 - Currently conducting topside inspection and data collation for ongoing operations
 - Applied knowledge of subsea infrastructure and pressure testing protocols in live field environment
- OML 123 – 4 Inch Flexible Replacement Procedure (Antan Producing Limited)**
 - Developing technical documentation** for replacement of 4-inch flexible gas import hose between NUIMS Antan FPSO and TMMP
 - Creating detailed method statements for flexible line replacement operations involving critical subsea equipment
 - Coordinating with client teams to finalize execution procedures and safety requirements
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- NNPC NGIC Decommissioning & Abandonment Plans (Lot B & C – 26 Facilities)**
 - Developed cost-optimized field execution plans achieving 15% cost reduction while maintaining ISO9001 and API standards compliance
 - Collaborated with regulatory bodies (NMDPRA) and cross-functional teams to finalize technical documentation
 - Ensured adherence to PIA 2021 regulations and environmental compliance requirements
- ABO Campaign 5 – Subsea Control Module (SCM) Changeout and Anode Installation**
 - Provided direct field support** for subsea control module (SCM) changeout and anode remediation operations
 - Assisted in real-time troubleshooting** and resolution of technical issues during installation operations
 - Supported equipment functionality testing and performance verification in offshore environment

Additional Technical Experience:

- **Project Management:** Led cross-functional teams, developed execution plans, coordinated with multiple stakeholders and regulatory bodies
- **Field Operations Support:** Provided offshore technical assistance and coordination for subsea equipment installation and maintenance
- **Equipment Inspection & Testing:** Conducted pre-job inventories and function-fit tasks for subsea equipment, tooling, and spare parts
- **Technical Documentation:** Developed and reviewed technical specifications, P&IDs, PFDs, and interface management strategies for EPCI projects
- **Project Coordination:** Used Primavera P6 and Microsoft Project for scheduling, resource management, and cost optimization (achieved 15% cost reduction)
- **Procurement & Logistics:** Supported supply chain management, vendor coordination, and resource planning for engineering projects
- **HSE Compliance:** Supported risk assessments, PPHA meetings, and process safety management in field operations
- **Quality Assurance:** Ensured compliance with ISO9001, API standards, and regulatory requirements throughout project lifecycle

IT Support | July 2023 – Present

- Configured and managed LAN/WAN networks using Windows Server 2022
- Diagnosed and resolved hardware, software, and network issues, minimizing operational downtime
- Applied systematic troubleshooting methodologies transferable to oilfield equipment diagnostics

EDUCATION

University of Benin | B.ENG. Petroleum Engineering | Second Class Upper Division | 2023
Industrial Training (SIWES) | January - March 2023

- Completed intensive training in industry-standard engineering software and technical applications
- Gained proficiency in specialized oil and gas software tools and data analysis systems
- Applied software skills to engineering calculations, project planning, and technical documentation

Relevant Coursework:

- Drilling & Well Completion (wellhead systems, completion techniques, liner hanger installations)
- Subsea Systems & Well Intervention (production systems, well integrity management)
- Flow Assurance & Production Optimization (multiphase flow, hydraulic systems)
- Enhanced Oil Recovery & Reservoir Engineering

TECHNICAL SKILLS

Field Service & Equipment Knowledge:

- **Subsea Equipment:** Wellheads, risers, tensioners, SURF, manifolds, tie-in systems, Christmas trees
- **Hydraulic Systems:** Hydraulic controls, pressure testing, system troubleshooting
- **Electrical Systems:** Electrical rewinding, basic electrical troubleshooting

Technical Analysis & Documentation:

- **Engineering Drawings:** P&IDs, PFDs, technical drawings interpretation
- **Data Analytics:** SQL, Power BI, Python for equipment performance analysis
- **Technical Writing:** Method statements, execution plans, technical reports
- **Testing & Inspection:** Equipment functionality testing, performance validation, quality control

Project Management & Software:

- **Project Planning & Scheduling:** Primavera P6, Microsoft Project, resource coordination, timeline management
- **Engineering Software:** PETREL, MBAL, PROSPER, SAP (ERP systems)
- **Office Suite:** Microsoft Word, Excel (advanced), PowerPoint, Outlook
- **Database Management:** SQL for equipment data management and analysis
- **Interface Management:** EPCI coordination, procurement support, logistics planning

Standards & Compliance:

- **Industry Standards:** API standards, ISO9001, ISO standards, PIA 2021
- **Safety Management:** HSE policies, risk assessments, QAQC procedures
- **Regulatory Compliance:** NMDPRA regulations, environmental compliance

CERTIFICATIONS

- **Quality Assurance & Quality Control (QAQC)** - SHE | **May 2025**
- **IWCF Level 1** - International Well Control Forum | **November 2023**
- **IWCF WOCRM** - International Well Control Forum | **September 2023**
- **WSO HSE 1-3** - World Safety Organization | **September 2023**
- **The Complete Hydraulics Course** - Udemy | **April 2024**
- **Google Project Management** - Google | **February 2024**
- **SAP for Beginners (SAP ERP)** - Udemy | **February 2025**
- **Basic Fire Fighting and Prevention** - FFS | **March 2025**
- **Basic First Aid** - NRCS | **July 2023**

CORE COMPETENCIES

Technical Troubleshooting | Field Operations | Customer Interface | Team Collaboration | Attention to Detail | Problem-Solving | Adaptability | Leadership | Strategic Thinking | Innovation

PROFESSIONAL AFFILIATIONS

- **Nigerian Society of Engineers:** Graduate Member
- **Society of Petroleum Engineers:** Student Member
- **Nigeria Red Cross Society:** Active Member

REFERENCES

Available on Request