**RESUME**

NWANA (**MNSE**)(**COREN**)

B.Eng. (Hons) Mechanical/Production Engineering

[NWANA.370559@2freemail.com](mailto:NWANA.370559@2freemail.com)

**CAREER OBJECTIVE**

A challenging career position in any growth – oriented organization that will optimally utilize my potentials.

**PERSONAL BIODATA:**

Name: **NWANA**

Date of birth: 11th October, 1973

Sex: Male

Nationality: Nigerian

Marital Status: Married

**ACADEMIC QUALIFICATION**

**1. B.Eng. (Hons),** **Mechanical/Production Engineering, Second class Lower Division, Enugu**

**State University of Science and Technology, Enugu State, Nigeria, 1998**.

**2. IADC Well Control (A372648) -DRILLERS LEVEL.**

**3. The Council for the Regulation of Engineering in Nigeria.(COREN)- (R.30603).**

**4. The Nigerian Society of Engineers.(NSE)(Coperate Member).-(31670)**

**5. Magnetic Particle Testing(NDT LEVEL - II) Certification.**

**6. Radiographic Interpretation(NDT LEVEL – II) Certification.**

**AREA OF INTEREST**

Project Management, Quality Assurance and Control, Health, Safety and Environment, General project supervision, Drilling, Work over and completions operations,

**PREFERRED WORK STYLE**

I can multi-task and work in very challenging environment with minimal supervision. I get motivated by challenging assignments and transparent reward system. I strive for continuous self improvement on the job by engaging in private studies as time permits.

**WORK EXPERIENCE**

**1. THE SHELL PETROLEUM DEVELOPMENT COMPANY LTD, Port Harcourt, Rivers State.**

**------------ February 2013 - Till Date.**

**POSITION: QAQC-Senior Construction Supervisor(Mechanical).**

**PROJECTS: NCTL 24” Pipelines/Metering Skid Bonny, Nun River Project.**

**JOB EXPERIENCE:**

* Supervises Contractor and ensures that works are executed in line with Approved for Construction (AFC) drawings, Work method statement, Job Hazard Analysis (JHA), and SPDC standard Construction Specifications and procedures.
* Supervises all Mechanical works including HVAC work and installations, plumbing works and installations, fabrication and welding of roof trusses and roof members, steel stanchions and beams at Contractor’s yard, welding and installation of members at site.
* Ensures that QA/QC non destructive (NDT) tests are conducted on welded/fabricated steel structures. Such tests include X- ray of welded joints, measuring of plate thickness using a D-meter instrument, and paint surface area thickness using an Ecometer instrument, pressure testing of plumbing lines after installation.
* Works with Contractor to propose solution to project challenges for approval at the office. Works closely with Contractor to prepare proposed field design change requisitions and as build drawings, as required to ensure project schedule is not impacted. Helps develop issues list to help the Project team leadership resolve issues arising at site
* Prepares daily work status report and participates in the site daily work activity progress review meetings. Works with Contractor in preparation of As- built documentation for completed facilities and performs other duties as assigned by the Project Engineer as needed.

**2. VOTEX SCANDAVELOP, Onne Oil and Gas Free Zone, Rivers State.**

**JOB EXPERIENCE:**

1. **Well Operations Engineer (2007-2012)**

Ensured that all phases of drilling activities, well completions and operations were fully implemented. Prepared Well data sheets, drawing up drilling programs and recording the well flow rates. Prepared full engineering analysis of rig site data and regular well reports. Works in line with Company and international environmental protection standards and with multidisciplinary professionals to evaluate the commercial viability of wells as well as took part in developmental engineering design and well Planning. - Preparation of technical sections of ITTs and analysis of returned bids for the selection of third party services.Ensure well planning, operations and reporting activities are conducted following the AGR well delivery Process. Preliminary well design for wells including casing, directional, fluids, cementing bits and hydraulics. Assist the Project Manager and Operations Accountant with cost tracking and forecasting during project planning and operations.

1. **Field Engineer (Land, Swamp, Off-Shore Locations)(2004 -2007).**

Provided Mechanical engineering support to plant operations (Trouble-shooting, reliability enhancements, efficiency monitoring on equipments e.g. pumps, engines, hydraulic Units, Lifting equipment, Rotating/Static equipments, compressors, Storage Facilities, etc).Helped to develop and maintain project team’s internal engineering, HSE and construction schedules. Assembles and performs perforating gun services in various field locations.Runs logging services such as Cement Bond logs, Gamma Ray Logs, and correlation logs. Ensures the operation of wirelines openholes services i.e sonic scanner, dielectric scanner, triple & quad comb logging, and seismic systems, offered by the company is done safely, efficiently and according to established standards and guidelines. Ensures that all safety practices are implemented before, during and after the well service operation. Provides technical assistance to other field operation personnel on location to assure work is carried out according to set schedules and procedures. Completes all job related paperwork and logs. Performs other related duties as assigned.

**3. GLOBALSANTAFE DRILLING, Port Harcourt, Rivers State. (2000- 2003)**

**JOB EXPERIENCE---- Derrick hand (Jack-up Rig - MOBIL OILFIELD)**

Drilling of exploration and appraisal (oil and gas) wells, setting of drilling template and drilling same to completion and production. Carried out work over operations for some oil wells. Involved in the maintenance and repair of rig equipment following established safety standards. Good knowledge of BHA, WIRELINE, CEMENTING, CORING, and COMPLETION operations. Good experience of Well Servicing, Basic tools and equipment identification. Good knowledge of rig safety including prevention and avoiding of slips, trips, and falls and use of standard OSHA personal protective equipments. Competence in handling basic tools like Crane & forklift.

**4. DEPARTMENT OF PETROLEUM RESOURCES, Port Harcourt, Rivers State.**

**(NYSC - 1999/2000) - Assistant Facilities Inspector(Oil and Gas Facilities)**

Facilities Inspection on both Offshore & Onshore Drilling Rigs, Production Platforms, Storage Facilities, Equipments & Tools. Carried out Corrosion Monitoring on Pipeline as required and

recommended appropriate remedial measures.as required. Also inspect the Nominal Pipe Size and Schedule.Inspect the integrity of the welded works and NDT/Ultrasonic/Hoilday test of the Pipe. Worked in a team responsible for implementation and administration of standard & relevant industry codes (API, ASME, ANSE) on tools and equipment. Developed work procedures and ensured HSE policies & procedures were adhered to when carrying out work activities.

**TRAINING AND COURSES ATTENDED:**

1. Shell Petroleum Development Company Basic HSE Competence Course For Supervisors.
2. Helicopter Underwater Escape Training/Survival At Sea Course(HUET/SAS).
3. Sparrows Offshore Crane Operator Stage 2.B.S7121 Part 2. (Scottish Qualification, Authority - Sparrows Offshore Training Centre).
4. Global Marine Asbestos Awareness Certificate.
5. OSHA-Introduction to Process Safety Management.
6. OSHA-Occupational Safety and Health For Supervisors .
7. Randy Smith Safety Focus Certificate (Stages 1 & 2),
8. Global Marine Safety Focus Action Certificate.
9. OSHA-Well Site Completion and Servicing Safety.
10. OSHA-Well Site Preparation and Drilling Safety. OSHA-Oil and Gas Satety Management.
11. Certified Maintenance Engineer-Vortex Scandavelop Nigeria,
12. Global Santafe - Floor Hand OJT - Certificate (OCT-1 requirement of United States),

**ADDITIONAL SKILLS:**

* Knowledge of Pipe Nominal Size/Schedule.
* Good working knowledge of MS Word, Excel and Power point.
* A team player with good communication skills
* Mentors young engineers on the job.
* Good leadership skills and capacity to work without supervision.
* Ability to work and deliver under pressure.