**Professional Summary**

A fluent Speaker of English language with a total of 8 years of experience with three relevant years in Environmental Consulting.A pro-active professional, committed to ensuring the highest quality of Reporting and Documentation as well as an overall improvement in Company HSE Performance and the highest efficiency of implementation of the HSE Policy. With a strong Chemistry background, I obtained a bachelor degree in Bio-Chemistry in 2010 and a Master’s degree in Energy (Engineering, Environmental and Business) in 2013 from the Heriot Watt University, Edinburgh, Scotland.

I seek to further my career by using my strong educational background and field experience to identify potential risk to the Environment, Occupational Health or Company assets in the Oil and Gas Industry to further boost confidence in the execution of Projects in FEED, EPC, Operation and Decommissioning Phase.

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| **Core Competencies** |
| **Environment and Energy*** Ensure that the impact assessment scope, criteria and conditions (geographic, environmental, economic, social, and cultural) are defined adequately. Develop a project management plan for the impact assessment study. Determine if sufficient baseline data is available for the impact assessment study. Reviews facility/development design or production/manufacturing processes as part of the environmental and social impact assessment. Consult with stakeholders to gather information regarding the perceived impacts of development activities on, communities, the environment and natural resources. Identify which areas are likely to be significantly impacted by development activities, e.g. biophysical, economic, social, cultural, and heritage resources. Assess environmental and/or social issues, risks or problems, including their cumulative effect and corresponding economic, social and cultural impacts.
* Prepare Environmental Studies, participating in Environment Impact Identification Workshops (ENVID) and preparing ENVID Reports, preparing EIA Reports as part of HSEIA, establishing the Environmental Baseline Survey (EBS) scope, environmental monitoring scope of Project which could include the following but not limited to the listed components such as Noise studies, soil, ground water, marine water, marine sediment, benthic faunal and infaunal assessment, Bird survey and Bird behavior analysis. Review and provide adequate recommendations for the sediment plume disperssion established through the Hydrodynamic modelling studies prepared for dredging of channels in offshore environments. In addition, I ensure compliance to environment Laws and Company requirement and monitored its implementation as a ISO qualified EMS 14001:2015 Lead Environmental Auditor.
* Conduct activities in environmental assessment, mitigation, management, site reclamation, and technical or analytical support for the development of sustainable energy transmission and usage, and the development of alternative energy sources.

**Occupational Industrial Hygiene*** Develop preventative programs that help protect workers' (or the public's) health and safety in response to environmental concerns. Develop organizational procedures concerning occupational/public health and safety matters. Implements measures to mitigate the health & safety hazards created by operations or construction activities. Develop emergency response plans and procedures to address environmental crises (such as accidental emissions, discharges, releases, explosions, leaks or spills that could cause a threat to humans and the environment), in consultation with stakeholders and emergency response experts. Plan responses to mitigate human health risks/dangers of catastrophic events and insidious damage, such as the release of toxic gases. Monitors existing or potential environmental health hazards and stressors such as noise, energy (UV, IR, radiation), chemical/biological pollutants in the air, water, and/or soil. Monitor HVAC systems relative to health and safety standards for indoor air quality. Assess the effectiveness of health and safety programs for continuous improvement of programs and results
* Identify, evaluate, and control occupational hazards and industrial hygiene as Per ADNOC COP.
* Provide consultation and develop technical standards, emergency response guidelines, and worker health programs.
* Prepare Occupational Health Risk Assessment (OHRA) Studies, participating in Occupational Health Risk Identification Workshop (popularly called OHID) and prepare the OHRA Report. Prepare Task Risk Assessments (TRA) or Job Safety Analysis (JSA), develop method statements for execution of work taking into account the Ergonomics involved and safety to Personnel and Assets.
* Prepare HSEPlan and in compliance to the Law and Project requirements, ensure compliance by conducting inspections/audits as an ISO qualified OHSAS 18001:2007 Lead Auditor. Conduct occupational health surveys. Accident investigations, near miss, dangerous occurrence reporting, safety motivational / training programs for improved safety culture within organization.

**Safety Studies / Fire and Loss Prevention*** Participate in Hazard Identification Workshop (HAZID using PHApro software) and prepare the HAZID Report. Fire and Gas mapping, Dropped Object study, Safety Integrity Level (SIL) verification, HSE critical equipment Study (HSECES), Emergency Escape Route study and BowTie analysis.
* Coordinating and advising on fire-fighting equipment/ fire protection system. Schedule and plan periodical test, maintenance and site inspections of fire fighting equipment/fire protection system. Conduct fire drills to ensure the fire prevention and protection systems are in place and to identify the areas for improvement. Provide support on the selection and procurement of fire detection and alarm system.

**Training of Personnel*** Project Health and Safety Inductions, Imparting training on HSE policies, procedures, safe work procedures (work at height, confined space, welding activity, H2S awareness, manual handling, basic fire fighting, defensive driving, rigging and scaffolding training) and the use of fighting equipment, use of personal protective equipment (SCBA and safety harness), hazard identification and control and emergency awareness training. Safety flashes, environmental campaigns and occupational health awareness.
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| **Academic Certificates Obtained / Achievement** |
| * Masters Degree in Energy (Engineering Management and Environment Protection, Herriot Watt University, UK, 2013 (Thermodynamics and Heat Exchangers, Process Intensification, Renewable Energy Technologies, Critical Research and Analysis, Technology Futures and Business Strategy, Energy Demand Management and a distinction in in Environmental Impact assessment).
* Bachelor of Science in Bio-Chemistry (Industrial Chemistry Major), Bells University of Technology, Nigeria, 2010.
* Publications,“Amelioration of Sodium Arsenite and Potassium Chromate Toxicities by methanolic extract of RauvolfiaVomitoria”, Akinwumi and Songonuga et al, 2010, published by the Society of Toxicology, in Arizona USA.
* Senior Secondary School Certificate, Air Force Military School, Nigeria, 2005.
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| **Professional Certificates and Memberships** |
| * Associate Member of the Energy Institute (AMEI), a mid-Senior career level achievement.
* NEBOSH International Diploma, in Occupational Health and Safety, SHEilds, UK – Ongoing 2018.
* IRCA Certified Lead Auditor for OHSAS 18001:2007 – 3Fold Training Centre, Abu Dhabi.
* IRCA Certified Lead Auditor for EMS 14001:2015 – 3Fold Training Centre, Abu Dhabi.
* BOSIET OPITO – Gulf Technical Safety Institute, Abu Dhabi valid till 2019.
* Sea Survival Training and OPITO H2S Training – Gulf Technical Safety Institute, Abu Dhabi.
* ZADCO, GASCO, AL Hosn Gas, ADOC, ADCOapproved Job Performer.
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| **Employment History** |
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|  | **Nov 2017 – Present**  | **Freelance HSE Advisor / Consultant / Specialist**  |
|  | **Dec 2014 –Nov 2017** | **Dome Oilfield Engineering and Services, Abu Dhabi, UAE****‘Environmental Consultant with Occupational Health and Safety ’ - 3 Years**  |
| **1** | **Project name:**Environmental and Social Management Plan (ESMP) Implementation for Rehabilitation of Al Hartha Power Plant (Ministry of Electricity, Republic of Iraq, World Bank Financed), 2014 – 2016.**Role Description:**Project Engineer and Main Technical Writer for the HSE Plan (and updates), Environmental Baseline Assessment Report, Monitoring reports during construction (2 years on the Project) and Environmental Audit Report for Submissions to the World Bank.**Transaction Value:**2,173,000 USD |
| **2** | **Project name:** Environmental Monitoring for the Subsea Pipeline Installation and EPC works for Surface Facilities at the Hail Development Field – Abu Dhabi Oil Company (Japan), 2016 – 2017.**Project description and size:** The Project involved preparing a 2km long trench and 10 km of sub-sea pipeline construction. The executed environmental monitoring scope involved the installation of an Online, Real time Continuous Turbidity Monitoring Station, the Marine Environmental Baseline Surveys (Marine water and Sediment analysis, Benthic in fauna assessment, Noise monitoring and Birds Behavior Monitoring). **Role Description:**Environment Team Leader/ Project Manager/Project Engineer (Site Based and Office) and Main Technical Writer for the HSE Plan, Method Statements for Execution of Survey Works, Task Risk Assessments, Job Performer, Tool Box Talks, Onshore and Marine HSE Coordinator, Environmental Monitoring Reports. **Transaction value:** USD 458, 560 |
| **3** | **Project name:** Health Safety and Environmental Impact Assessment (HSEIA) Studies at the Upper Zakum Islands – HLG/ZADCO, 2014 – 2016.**Project description and size:** As part of the Artificial Islands, four new Islands (North, Central, South and West Island) were planned for the Project. Each Island comprising of Drilling area, processing area, utilities area, accommodation area and manned facilities area.**Role Description:** Main Technical Writer for the ENVID, OHID, OHRA, EERA, HSEMS, ERP and EIA Studies.**Transaction value:**USD 117,000 |
| **4** | **Project name:**Health Safety and Environmental Impact Assessment (HSEIA) Studies in the FEED Phase for the Full Field Development of the Bu Haseer Field, Technip / Al Dhafra Petroleum, 2017.**Project description and size:** The Project involved the expansion of the Bu Haseer Field which included the installation of an additional well head tower, Tie-ins to existing facility and a modification of the Produced water treatment facility on Das Island.**Role Description:** HSE Project Engineer (including Site assessment) and Main Technical Report Writer (Office) for HAZID, ENVID, OHID, and EIA Studies.**Transaction value:**USD 80,000 |
| **5** | **Project name:**HSEIA for Phase-4 Demolition of Decommissioned Onshore and Offshore Structures and Surface Facilities in Arzanah, Oceanus/ZADCO, 2017.**Project description and size:** The Project involves plugging and abandonment of 24 wells, oil displacement and cleansing of crude Oil Sub-sea pipeline of about 64km long, flushing sand cleaning of water injection subsea pipelines of about 56km long, dismantling and disposal of Offshore Facilities (Tripods, Platforms, moss structures, subsea cables etc) and Onshore Facilities(Desalting and crude stabilizing unit, crude loading system, diesel topping plant, crude oil receiving and separation units respectively).**Role Description:** Environment Project Engineer (includes Site assessment for soil and ground water analysis) and Main Technical Report Writer (Office) for HSE Plan, HAZID, ENVID, OHID, OHRA, EIA, Hazards and Effects Register, ERP, SIMOPS Report.**Transaction value:USD 102,000** |
| **6** | **Project name:**ADNOC Underground Crude Oil Storage Project in Mined Rock Caverns in Fujairah - Phase 1– 2017.**Project description and size:**Health, Safety, Environmental Impact Assessment Study for ADNOC Underground Crude Oil Storage Project in Mined Rock Caverns in Fujairah - Phase 1.**Role Description:**Environment Project Engineer (includes Site assessment) and Main Technical Report Writer (Office) for HSE Plan, TRA,Oil Spill Modeling Report Review, Archeological Site Assessment report and EIA Report.**Transaction value:**USD 160,000 |
| **7** | **Project name:**Ruwais Reef Island Protection and LNG Terminal Basin Extension - 2016.**Project description and size:**- Safety and Environmental Inspection, Environmental Baseline Survey (EBS Marine Ecology, marine water and sediment analysis) and EIA report for the expansion of the GASCO Ruwais LNG Terminal and the construction of the GASCO Reef Island. **Role Description:**Environment Project Engineer (includes Site assessment) and Main Technical Report writer (Office) for the HSE Plan, TRA, Safety Inspection Reports (firefighting equipment specification and inspections), Environmental Inspection Reports, Review of the Subcontractor (NMDC) Constructability Report.**Transaction value:**USD 375,000 |
| **8** | **Project name:**Phase III of the Mohammed Bin Rashid Al – Makhtoum Solar Park– 2016.**Project description and size:** This project involved the expansion of the Solar Park power production capacity from 200MW planned in Phase II of the Project to 800 MW planned for phase III.**Role Description:**Environment Project Engineer (includes EBS for Terrestrial Ecology, noise and air quality assessment) and Main Technical Report Writer HSE Plan, TRA and EIA.**Transaction value:**USD 46,000 |
| **Other Relevant Oil and Gas Project Studies** |
|  | **ProjectActivity** | **JobResponsibilities** |
| 10 | **2016 - ADCO**Phase 2 HSEIA study for Al Dabbiya Phase III Development | * Health Safety and Environmental Impact Assessment (HSEIA) Study.Main Technical Writer for the HAZID, ENVID, OHID, HSEMS, OHRA, EERA, Bow-Tie, HSECES/PS, ERP and EIA Studies.
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| 11 | **2015 - ADOC**Channel Dredging and Island Reclamation at Hail Field  | * Lead Safety and Environmental Inspector (including firefighting equipment and lifting gears, first aid facilities, Marine vessels safety and environmental inspections as well as Main Technical Report writer for the Safety and Environmental Audit Reports, HSE Plans and review of Contractors Constructability Reports.
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| 13 | **2015 - GASCO**Onshore Pipeline and Habshan Modifications Project  | * Project Engineer / Team Lead for Environmental Baseline Study (EBS) as well as the Main Technical Writer for the EBS for soil and air quality assessment report
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| 14 | **2015 - ZADCO**Replacement of Firewater Pumps at Umm Al Dalkh Platform  | * Project Engineer / Team Lead for the Noise survey on the UAD Platform and Main Technical Writer for the Noise Survey Report including review of subcontractor Noise attenuation studies and recommendations.
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| 15 | **2015 - ADCO**Phase II HSEIA Study for Bab Integrated Facilities  | * Health Safety and Environmental Impact Assessment (HSEIA) Study. Main Technical Writer for the HAZID, ENVID, OHID, HSEMS, OHRA, EERA, Bow-Tie, HSECES/PS, ERP and EIA Studies.
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| 16 | **2015 – ADMA OPCO**NASR Full Field Development Package  | * Participant in the ENVID Workshop and OHIDWorkshop. Main Technical Writer for the ENVID, OHID, EERA, ESSA, SIL/LOPA Assessment, OHRA Reports.
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| **April 2013 – October 2013 employed at Integrated Scientific Solutions Company | Dubai****‘Sales Manager for environmental Solutions’ – 6 months Contract** |
| * Business development for the supply of Environmental services and Analytical equipment to Oil and Gas and Research Institutes based on gas chromatography technology.
* Organised and participated in the ARABLab exhibition 2012 at the Dubai World Trade Centre as an Exhibitor and successfullly secured Business leads for orders up to 1 million AED.
* Organised and Participated in the
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| **November 2011 - November 2014 Employed at Eunirusk Investment Company | Nigeria****‘Environmental Consultant with Health and Safety responsibilities as PMC’ – 3 Years** |
| * Business development in collaboration with Integrated Scientific Solutions Company in Dubai for the supply of Environmental Analytical equipment to Oil and Gas and Research Institutes based on gas chromatography technology – this position lasted for 6 months.
* Prepare weekly and monthly HSE Initiate / Participate / Manage HSE Audits, and Safety Reviews.
* Assist the Management for Crisis Management and Contingency Plan for the project.
* Reviewing and endorsing EIA, Soil Remediation studies, CEMP, OEMP, DEMP, HSEIA, HSE Plan/ Philosophy, ERP as well as other safety related studies to be performed by EPC contractor.
* Provide advice and support in area of PTWs, isolation and chemical handling, waste management and documentation, environmental inspections of the Work environment.
* Ensures site compliance environmental regulations regarding hazardous substance.
* Ensure that all site personnel and visitor adhere to the projects HSE procedure and plans.
* Inspection of worksite to correct, improve and prevent unsafe acts and joint inspection with consultant, Project managers &Project key personnel vis a vis Implementation of general site rules and ensuring Health, Safety & Environmental policy requirements are met.
* Conduct frequent audits and inspections Offshore operation (Barge material loading and unloading, Sea Water breaking, dredging, back filling etc).
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| **Nov2010– Nov 2011 Employed at Oando Exploration and Production | Lagos – Nigeria****‘Health, Safety and Environment Engineer’ – 1 Year** |
| * Provide advice on HSE matters to all Site Services; to assist them in their direct responsibility for Health, Safety and Environment by promoting their awareness to HSE issues to create and maintain HSE culture that supports the Health, Safety & Environment movement system.
* Liaise and coordinate with HSE Department on Technical matters related to studying & commenting on engineering designs and drawings pertaining to modifications of plant, equipment, installations or projects works to ensure adherence to HSE rules, standards and codes of practice, during all phases of implementation on Site.
* Assist in the formulation, development and implementation of field HSEMS elements and programs through the organization of resources and documentation for a sound performance. Ensure the availability of current HSE manuals, codes of practices, standing.
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| **Jan 2009 – Dec 2009 Employed at Topway Pharmaceuticals PLC | Ilishan Remo, Ogun – Nigeria****‘Environmental Officer’ – 1 Year** |
| * Conduct laboratory analysis of Production water supply and effluent from the production process.
* Conduct indoor air quality campaigns of the different production chambers.
* Conduct Laboratory analysis as part of Raw materials testing from suppliers.
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| **Skills and Competencies** |
| AERMOD, Predictor 7810, PHAST 6.7, PHAST Risk 6.7, PHA-Pro, Microsoft (Office, Excel, Word), Project Management Professional Training |