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| Objective |
| To utilize my experience and skills with a reputable Company, bring forth innovative ideas & technical approach to help the company achieve it objectives. |
| Profile Summary |
| * Petroleum Engineer with 16 years of professional experience in Drilling Engineering, Well Planning, Risk Analysis, Project Management and Drilling Contracts. * Instructor for Landmark EDT drilling software (WellCAT, StressCheck, WellPlan, COMPASS, OpenWells, ..etc) * Drilling Campaign Start-up, Tendering Process & Outsourcing, drafting well services Scope of Work and Bidders Evaluation Criteria * Modeling various well types (Conventional, Ultra-Deep & Deepwater, HPHT, Extended Reach Drilling, Multi-lateral, and unconventional shale wells) * Prepared several technical documents (guide lines, procedures, technical scope of work) * Market survey & Business startup at remote location and developing countries like Morocco, Mauritania, and Mali * Certification for Drilling programs of critical wells, review program details against applicable company procedures (Eni MSG/STAP certification) * Expert in comprehensive analysis of loads and stresses on Well casing and tubing. * Extensive computer training, including knowledge of multiple networking environments and business software packages. * Skilled at learning new concepts quickly, working well under pressure, and communicating ideas clearly and effectively. Enthusiastic, self-motivated, energetic, with leadership skills. * IWCF drilling supervisor level certificate. To be renewed. * Mentor for SPE Drillbotics Teams (Autonomous Drilling with a Miniature Drilling Rig) |
| Personal Information |
| * Date of Birth: 28th July, 1981, Place of Birth: Ismailia, Egypt * Nationality: Egyptian, Passport No. A25395555 * Valid Residence permit in UAE, Emirates ID: 784-1971-6036817-7 * Full Name as in passport: MOHAMED ALI IBRAHIM MOHAMED HASSAN * Marital status: Married with children. Wife Nationality: Algerian |



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| Education |
| * Petroleum B.Sc., Faculty of Engineering, Cairo University, Graduation date: May 2004. Graduation Year grade: Very Good. Graduation Project grade: Distinction * Petroleum M.Sc. (partially fulfilled), Faculty of Engineering, Cairo University, Preliminary year grade: 72% |
| Languages |
| * Arabic (mother tongue). * English (Fluent, written and spoken). * Italian & French (Beginner) |
| Work Experience |
| |  | | --- | |  | | *Senior Drilling Consultant & Development Manager, ION Consulting (July 2019 – now).* | | * Acquiring and maintaining business relations with clients * Identifying and pursuing new business opportunities * Follows-up of technical and commercial negotiation * Provide drilling engineering expertise and support in the planning and execution of drilling operations * Develop well designs and drilling programs * Support of tender process for the provision of 3rd party services * Design drilling programs | | *Senior Drilling Consultant & Instructor, Halliburton, Algiers, Algeria. (July 2016 – June 2019). Assigned to work at SONATRACH Drilling Division Headquarters* | | * Prepared technical document: Guidelines for Offshore Deepwater Drilling in Algeria * Prepared technical document: Guidelines for Well Trajectory Engineering * Gap Analysis, Root Cause Failure Analysis (RCFA), and Drilling the well on paper (DWOP) * On Job Training & Coaching for Junior Drilling Engineers, Drilling Software support * Make recommendations, have discussions and exchange opinions with HQ drilling team to optimize engineering work activities in Algiers office. * Completed the following Technical Reports/ Studies for Sonatrach: * Tight-Clearance (Lean) Casing Well Architecture * Compact Wellhead Advantages Highlight * Economical & Technical Feasibility for Up-Rating of 5000 psi Wellhead Equipment to 6650 psi * Model for Qualitative Drilling Data Analysis * Horizontal well Design, planning, strategy, Implementation and Execution * Write drilling program for Ultra-Deepwater Mediterranean Exploration well, and Unconventional Shale Gas Drilling * Instructor for the following Landmark courses \*:  |  |  | | --- | --- | | COMPASS | Directional well path planning, survey data management, and anti-collision analysis | | CasingSeat | Preliminary Casing Design | | StressCheck | Basic Tubular Design and Analysis | | WellCAT | Advanced Casing & Tubing Design, Multi-string Design & annular pressure buildup (APB) prediction. | | WellPlan | Torque and Drag Analysis, Hydraulics Analysis, Underbalanced Hydraulics Analysis, Transient Swab and Surge Analysis, Well Control Analysis, Cementing Job and Centralization Design, Stuck Pipe Analysis, and BHA Dynamics Analysis | | PROFILE | Integrated wellbore schematics | | OpenWells | Operations Reporting | | Data Analyzer | Well-operations data querying and analysis for EDM database. | | WellCost | Accurate cost budgeting and scoping. Detailed Authorization for Expenditure (AFE) | | \* Trained almost a 100+ engineers & supervisors from SONATRACH on Landmark Software  \* Sonatrach is the national state-owned oil company of Algeria. Founded in 1963, it is known today to be the largest company in Africa with 154 subsidiaries, and often referred as the first African oil "major" | | | | *Drilling Engineer, Eni E&P, Milan Headquarters, Italy (March 2013 – June 2016).* | | Eni TEPE/INGP - Drilling Engineering & Technologies (Sep. 2015 – till June 2016).   * Member of a Team at HQ office that provides support for drilling project operated by Eni in different countries. (Norway Deepwater, USA Gulf of Mexico, Nigeria, Angola, Ghana, EGYPT, Mozambique ...etc) * Drilling Software support and technical advice for drilling teams in different countries (Tunisia, Algeria and Egypt) * Perform Well Design to comply with US WELL CONTAINMENT and “Cap and Flow” requirements (BSEE WSCT Level 1, 2, and 3) * Well Design to comply with Eni Barriers requirements (physical or operational elements) * Drilling Feasibility Study for special projects (Egypt Nooros ERD 7500m, Eni Aluminum Drill pipe 2nd Generation, Italy Sustainable Development of AGRI & CERRO FALCONE Bi-drain TAML5 Wells).   Eni COAP/SU - Deepwater & Subsea Operations (March 2013 – till Aug. 2015).   * Prepare MSG Certification for Drilling programs of critical subsea wells, review program details against applicable eni STAP procedures * Follow up Strategic Subsea Drilling Activities Worldwide (time & cost control). * Analyze performances and NPT of the drilling services providers and rig contractors, and identifying areas for improvement. Participate in Assurance & Economical review of Deepwater projects in the concept selection/definition stage. * Work closely with a multidisciplinary team to Prepare drilling programs for Deepwater and perform detailed well engineering calculations, time & cost estimates. | | *Drilling Contracts Engineer, Dragon Oil Plc, Dubai Headquarters, UAE. (Oct. 2011 till Feb 2013)* | | * Ensure Contracts and Purchasing (C&P) activities are performed in compliance with company's principles and policies * AFE generation, well cost monitoring, well cost recapping and cost rationalization * Undertake contracting activities including prequalification, tendering, evaluation, negotiation and award C&P activities complies with company’s standards, Statutory Audit and Tax requirements. * Co-ordinate for Peer review of the Tender documents, Tender Evaluation Plan. * Conduct Contract Kick off meeting and support contract owners in subsequent execution meetings. Close co-ordination with Contract owner and HSE Rep in each stage. * Support the user department in all kinds of contractual commitments for effective contracts administration.Finalization and implementation of Contract Management Plan. * Ensure evaluation, administration and approval of changes/ variations. Ensure that Contractor complies with the contractual obligations. * Leading discussion and correspondence on contractual issues. | | *Senior Drilling Engineer at Weatherford Integrated Drilling Services (IDS), Maghreb Region Headquarters, Algiers, Algeria. (Oct. 2009 till Sept. 2011).* | | * Project engineer of the Algeria Berkine Lead Contract (Five 05 Rigs, three years project) * Assist in prequalification of SONATRACH Tender for CO2 Sequestration, Reservoir Engineering, Production Optimization and Geological Consulting * Assist in preparation, and engineering analysis of Weatherford Integrated Management of GassiTaouil Project (two rigs, three years project) * Performed market survey of Morocco country, also client visits and pre-tendering work. * Several business visits to Mauritania, performed presentations to PETRONAS, TOTAL, and DANA Petroleum in Nouakchott city). Prepared technical and commercial jointed Subsea Intervention offer (Weatherford & Helix Canyon Offshore) to PETRONAS Mauritania * Prepared technical and commercial bid to ENI Mali for rig and auxiliary services needed for the drilling of exploration wells in MALI Desert - ENI Concession Block 4 | | *Drilling Engineer, Weatherford Integrated Drilling Services. Hassi Messaoud, Algeria. (July 2007 till Sept. 2009).* | | * Assist Drilling supervisor & Drilling Superintendent to manage Rig Operations * Prepares surface and down-hole equipment requirements especially for rented equipment to avoid unnecessary rental charges. Cross check contractor invoices for payment. * Prepares final well reports covering details of drilling operation summaries and well time analysis, mud/chemicals consumption and costs, deviations and drilling charts, etc. * Carry out optimization studies on tools, equipment and operations. * Responsible for Rig Move meeting with all move parties * Compile, analyze the offset wells data and statistics | | *Drilling Consultant, HALLIBURTON-Landmark, Egypt & Africa region. (April 2006 till June 2007).* | | * Provide training & consulting services for Landmark clients. perform analysis on drilling data, performing Quality Control on DIMS/ Open Wells data. Clients list includes: Shell Gabon, bp Egypt, bp Angola, Eni Egypt, Eni Oil Libya, WAHA Oil Co. Libya, ADDAX Oil Co. Nigeria, Centurion Egypt, Drill-Log Petrodynamics Nigeria, PETROBEL Egypt, GUPCO Egypt ....) | | *Well Planning Engineer, Triple "L" Oil Services Company, Cairo, Egypt. (June 2004 till March 2006)* | | * Directional path planning, survey data management, plotting and anti-collision analysis. * 2D and 3D planning methods, torque/drag, cost and re-entry optimization, survey data analysis, and driller's target generation | |
| Part Time Work & Internship |
| * Project Assistant, European Union TEMPUS Risk Project (JEP30095/2002), Cairo University, Faculty of Engineering, Petroleum Engineering Dept. (Jan 2002 till May 2004) * Part time work, job duties include: Assisting in risk Engineering activities within the EU project framework under direct supervision of project manager Prof. Dr.Fouad Khalaf. * Internship, Schlumberger Information Solutions (SIS), Egypt (Sep. – Oct 2003). * Field Summer Training, GUPCO and Giesum Oil Company, Gulf of Suez, Egypt. (Jul– Aug 2002) |

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| Professional Memberships |
| * Society of Petroleum Engineers (SPE), Membership ID 3117344. * Society of Risk Analysis (SRA), Membership ID 16179. * Egypt Engineers Syndicate |
| Volunteering Activities |
| * Founder & Membership Chairperson of Algeria-Hassi Messaoud SPE Section * Director of Algeria SPE Distinguished Lecturers Program * Young Professionals (YP) Chair, SPE Italian Section 2014-2015 * Mentor of SPE Drillbotics International Students Competition * President of the Cairo University SPE Student Chapter (two years 2002/2003 and 2003/2004) |
| Awards |
| * SPE Middle East Regional Service Award, Year 2018 * First Place Award, Egypt SPE Students Paper/ Presentation Contest (April 2003). * SPE Student Chapter Past President's Award for the year (2003/2004). |
| Computer Skills |
| * Professional Word, Excel, Power Point, FrontPage and Photoshop, AutoCAD * Oracle Crystal Ball (Monte Carlo simulation) * Implementing and Administering Windows Computer Networks. |
| Certificates & Courses |
| * Advanced Casing Design Course, ENI Corporate University, Milan, Italy. (Oct. 2014) * ENI Advanced Drilling Technologies, ENI Corporate University, Milan, Italy. (Nov. 2013) * Advanced Course on Drilling Fluids, by SCOMI, Dubai. (May 2012) * ISO 9001:2008 Internal Auditor, Dubai. (April 2012) * Sales and Operations Planning (S&OP) Workshop, Weatherford Dubai, May 2010 * IWCF Drilling Well Control Supervisor Level. To be renewed * Design, Selection & Evaluation of Drill Bits, by NOV DOWNHOLE, Algeria (Oct.2009) * Effective Consultant, HALLIBURTON–Landmark course, Houston, USA. (October 2006) * Landmark EDM Engineering Software Course, Kuala Lumpur, Malaysia. (May 2006) * Microsoft Certified Systems Engineer (MCSE), Microsoft Certified Systems Administrator (MCSA), and Microsoft Certified Professional (MCP) |
| * References |
| References will be supplied upon request |