

Mohamed Rashed

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SUMMARY OF QUALIFICATIONS

A software engineer with strong track record in chemical industries and passion for perfecting the engineering profession through streamlining operations and process simulation.

- Over 10 years of experience as drilling fluids engineer and mud plant supervisor.
- Strong background in chemistry, technical analysis, mixing calculations and fluid mechanics.
- Proven skills in computer simulation and training, hazard identification and safety analysis.
- Demonstrated ability to lead and provide instruction and supervision to other field specialists.
- Professional communication skills include fluency in English, French and Arabic.
- Member of the *Order of Engineers, Quebec, Canada* and *Saudi Council of Engineers*.
- Computer skills include:
 - **Project Management:** MS Office, AutoCAD, Primavera.
 - **Object-Oriented Programming:** Java, Python.
 - **Web Development:** html, CSS, JavaScript, SQL.

PROFESSIONAL EXPERIENCE

Quality Assurance Engineer
Sportlogiq (Montreal, Canada)

March 2019 – May 2020

- Analyze game video and ensure that the raw data inputted into software system is accurate.
- Accurately and objectively break down each play.
- Enable partner teams and media clients to make more informed decisions.
- Feed vital data to Sportlogiq machine learning and artificial intelligence engine.
- Maintain existing game reports by making minor modifications as required.

Drilling Fluids Engineer, Mud Plant Supervisor
Newpark Inc. (Headquartered in Texas, USA). Kuwait Branch

2014 – 2017

- Conducted research into the feasibility, design and operation of mud plant and distribution networks.
- Provided effective customer service by providing rig-site customers and coordinators information regarding the progress of a rig site and implementing solutions to rig problems.
- Supervised and inspected the installation, modification, testing and operation of fluid mixing and storage units.
- Provided onsite services by measuring, testing, and supervising the running of fluid mixing and pumping, including technical analysis and specific product and practical recommendations for controlling fluid properties.
- Set a new benchmark for KOC in 12 1/4" building section, MINAGISH field, Kuwait.

Drilling Fluids Engineer

2006 – 2014

EMEC (Headquartered in Cairo, Egypt). KSA, Syria, and Kuwait Branch

- Maintained fluid properties on rig sites by testing fluid properties accurately.
- Provided ongoing support to assist operations in providing customers the most effective, environmentally safe drilling fluids available while optimizing the well-bore construction process and maximizing customers' production.
- Mastery of water-base muds (spud mud, salt-weighted and inhibitive systems), oil-base muds (Barite weighted, calcium carbonate weighted), emulsion muds and completion fluids.
- Worked in **RM#22, Arabian Gulf Offshore** rig. Carried out one of the most important expansions in the history of Saudi Aramco: the exploration and evaluation of the ZULF field.

Fluid Pumping Specialist

2004 – 2006

SAPESCO, Cairo, Egypt

- Enhanced customer's oil well production through acid stimulation, deep-well screen backwash, corrosion inhibition, tubing pickling, cementing & fishing.
- Ensured that the preventative maintenance of all pumping equipment and vehicles is carried out in accordance with the Preventative Maintenance Schedule.
- Investigated and solved any customer concerns.
- Earned "Safety Man of the Month" award twice.

CERTIFICATIONS AND ACHIEVEMENTS

- Member of *the Ordre des ingénieurs du Québec*, Canada, Eng. Jr, No. 5043449.
- **Mud School** Certified, **IADC** DIT Accreditation, Program, Certificate # DIT000022910.
- Safety Trainer, International Association of Safety Professionals, **IASP**.
- Corporate Compliance and Business Ethics Best Practices, Newpark Drilling Fluids.
- Certificate of Achievement - Setting a new benchmark for KOC in 12 1/4" building section, MINAGISH field, Kuwait.
- **HUET**, Helicopter Underwater Evacuation Training, OPITO.

EDUCATION**Graduate Diploma in Computer Science**

2018 - 2020

Concordia University, Montreal, Canada

Graduate Diploma in Chemical Engineering

2002 - 2004

Alexandria University, Egypt

B. Sc. in Chemical Engineering

1997 - 2002

Alexandria University, Egypt