

MOHAMED IHMOUDAH

Qirah Al Shati , Libya

Call: +218-92-646 7075 – ihmoudah@gmail.com

PROFESSIONAL SUMMARY

A high performing mechanical engineer who has considerable experience of working on the use of energy (generation and distribution); Management and Education. Mohamed possesses a strong desire to work on exciting and diverse projects that really make a difference to people's lives. He is committed to providing a high quality service delivery to every client and project he works on, and is currently looking for employment in an open, friendly and professional environment where ideas are shared and opportunities seized.

MECHANICAL ENGINEERING ATTRIBUTES

- Strong understanding of fluid dynamics, heat transfer and solar energy.
- Familiar with relevant mechanical engineering design and simulation software such as ANSYS, PRO – ENGINEERING and writing Matlab codes.
- Experience of designing and installing A/C systems.
- Monitored the water streamlines and simulate the pipeline.
- Superb critical thinking skills and the ability to evaluate designs, plans and projects.
- Promoting the highest standards of safety onsite at all times.
- Assessing the environmental impact and risks related to energy generation.

PROFESSIONAL ATTRIBUTES

- Dedicated lecturer/research professional
- Able to check the work of others & supervise less experienced or junior staff.
- Writing accurate technical reports.
- Computer literate and conversant with MS Office suite and relevant engineering software packages.
- Capable of defining and leading assignments.
- Always willing to help other less experienced team members with workloads.
- Supporting any procurement processes.

PERSONAL ATTRIBUTES

- Enjoy problem solving, learning new skills, managing changes and interacting with people.
- Good communication, planning and organizational skills.
- Highly developed numeracy and computer literacy skills.
- Self-motivator and the ability to motivate others.
- Keeping up to date with industry best practice.
- Able to work in team.

WORK HISTORY

03/2008 to 10/2009 - **junior engineer and Labour Supervisor for Wadi Lasofa Corporation for Construction and Electromechanics -Tripoli**

Labour Supervisor

- Accomplished construction human resource objectives by selecting, orienting, training, assigning, scheduling, coaching, counselling, and disciplining employees; communicating job expectations; planning, monitoring, appraising job contributions; recommending compensation actions; adhering to policies and procedures.
- Managed sub-contractors by locating, evaluating, and selecting sub-contractors; monitoring and controlling performance.

- Meets operational standards by contributing construction information to strategic plans and reviews; implementing production, productivity, quality, and customer-service standards; resolving problems; identifying construction management system improvements.
- Met construction budget by monitoring project expenditures; identifying variances; implementing corrective actions; providing non-project annual operating and capital budget information.
- Accomplished construction project results by defining project purpose and scope; calculating resources required; establishing standards and protocols; allocating resources; scheduling and coordinating staff and sub-contractors; evaluating milestone assumptions and conclusions; resolving design problems; evaluating and implementing change orders.
- Approved construction projects by conducting inspections at critical phases; obtaining approvals from buyers.
- Prevented fines and interruptions by complying with, and enforcing, codes.
- Maintains safe, secure, and healthy work environment by following and enforcing standards and procedures; complying with legal regulations.
- Updated job knowledge by tracking and understanding emerging construction practices and standards; participating in educational opportunities; reading professional publications; maintaining personal networks; participating in professional organizations.
- Enhanced organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments.

Engineer at the Air Conditioning and insulation Unit

- Handled responsibilities of developing duct and pipe drawings, preparing technical documents, and reviewing supplier design
- Transmitted Mark-up information into CAD and produced clear CAD drawings. Processed design change requests in coordination with A & E consultants
- Performed responsibilities of providing engineering input in estimating equipment and assisted in material cost for successful project execution.

03/2013 to 03/2014 - **Assistance Lecturer-Sebha University, Faculty of Education** -Brak Al-Shati.

- .Part time Assistant Lecturer, Physics and Mathematical Department, Faculty of Education, University of Sebha, Libya.
- Supervised the undergraduate level projects.

04/2014 to 03/2016 - **Head of Physics Department – Sebha University, Faculty of Education- Brak Al-Shati**

- Full time Lecturer, Physics and Mathematical Department, Faculty of Education, University of Sebha, Libya.
- Supervised the undergraduate level projects.
- Performed the responsibility for setting and advancing the academic strategy of the Department in line with Faculty and University strategic plans and direction.
- Been a member of the Faculty Executive Board and contributed to the overall leadership and management of the Faculty.
- Developed and sustained appropriate structures for management, consultation, decision-making and communication with staff and students.
- Promoted and represented the University both internally and externally.
- Developed new programmes in order to attract new students.
- Ensured the highest levels of quality, integrity and ethics in all research undertaken
- Created a dynamic and forward looking research environment for both staff and students.
- Scheduled the final exams for the department every semester.
- Supervised the final exams at the faculty every semester.

10/2016 to 05/2017- **Head of Study and Examination Office- Sebha University, Faculty of Education- Brak Al-Shati.**

- Arranged the final exam schedule for the whole faculty .
- Prepared the monitoring staff schedule for the faculty .
- Supervised the final exams .

EDUCATION

2011-2012

Master of Science: (Mechanical Engineering).

Institute: De Montfort University Faculty of Technology, Leicester – United Kingdom.

Supervisor: Dr. Ibrahim Abdalla.

Research Area: Computational Fluid Dynamics methods (steady (RANS) and unsteady (LES) calculation) has been used to model flow through porous media. The work has offered me a good chance to acquire excellent knowledge in the field of computational fluid dynamics and heat transfer and excellent training on Ansys CFX.

Grade: Distinction.

2002 – 2008

Bachelor of Science: (Mechanical Engineering).

Institute: Faculty of Engineering and Technology, Sebha University – Libya.

Supervisor: Dr. Osama Hmood.

Grade:65.23%.

2009 -2010

English as a Second Language , Colchester English Study Center , Colchester-UK.

2010 -2011

Academic English, De Montfort University, Faculty of Humanities, English Department, Leicester-UK.

LANGUAGES

Fluent Arabic, Very good English

PREFERENCES

Available on request

PERSONAL INFORMATION

Nationality: Libyan, Name: Mohamed Ihmoudah, Address: Qirah Al shati ,DOB: Aug18th1984, Email:Ihmoudah@gmail.com, Place of birth: BrakAl-Shati, Libya, Cell phone: 00218926467075, Marital status: Married.