



**RESUME**  
**OMAR HASAN ALMAHMOUD**  
**Position Desired: Mechanical Site Engineer**

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**Personal information:**

- Name : Omar Hasan Almahmud.
- Place / Date of Birth : Amman, 10<sup>th</sup>.March.1986
- Nationality : Jordanian.
- Religion : Muslim.
- Marital Status : Bachelor.
- Languages : ARABIC: mother tongue.  
ENGLISH: Reading, Writing and spoken (Excellent).

**Experience:**

- **Emirates Falcon Electromechanical Company (EFECO), Member of Arabtec Holding.** Princess Nora University for Women (PNUFW), Married Junior Staff Housing (MJSH) package which contains 46 buildings, Kindergarten, Retail Mall and Mosque. Plumbing and Fire Fighting Site Engineer, February 2009 – February, 2011.

**Details of Position:**

**1. Engineering.**

- Shop drawing of AC systems (Duct sizing, chilled pipes calculation, cooling load checking, FCU's Selection).
- Shop drawing of mechanical systems (fire fighting distribution system, schematic & risers design & coordination, Internal & external drainage system, lifting station & submersible pumps).
- Civil drawing (Foundation, mechanical trenches, builders work).
- Architect drawing (reflected ceiling plan, access panels).

**2. Site management.**

- Controlling manpower of more than 500 labors.
- Material calculations.
- Applying shop drawings and issued for construction drawings in the site and making as built drawings.
- Quality control according to international codes and standards and coordination with electrical, civil and architecture departments.

**Education:**

**The University of Jordan: February, 2009 (Amman, Jordan).**

Degree: BCs. in Mechanical Engineering.



(Good Average 2.79/4.00)

**Al Ittihad Secondary Schools: August, 2004 (Amman, Jordan).**

Degree: High School (84.6 %).

### **Main Courses of Study:**

- Fluid Mechanics, Thermodynamics I-II, Heat Transfer.
- Heating and Air Conditioning of Residential Buildings (HVAC), Refrigeration Systems, Design of Sanitary Systems, Solar Energy.
- Engineering Measurements, Mechanical Vibrations, Systems Dynamics and Control.
- Strength of Materials, Mechanics of Machines, Machine Design I-II.

### **Final Year Project:**

#### **Year round “Performance of solar water heater”:**

- Collected data of the solar radiation, ambient temperature, inlet temperature to the collector, outlet temperature from the collector and the cylinder temperature on the month average days.
- Performed analysis of the solar radiation, mass flow rate, useful energy, efficiency, ambient temperature, inlet temperature to the collector, outlet temperature from the collector and cylinder temperature with time for each day of the month average days.

### **Training Course:**

- **Public Power Corporation of Greece (PPC).** Mines of Megaloploi and Marathousa. Operation and Maintenance of the Lignite Center’s Mechanical Equipment, 13<sup>th</sup>.June.2008 - 27<sup>th</sup>.July.2008.
- **Primavera Project Planner 3,** Jordanian Engineers Association, Engineers Training Center, 14<sup>th</sup>.February.2009 – 25<sup>th</sup>.February.2009.

### **Skills:**

- 1- JORDANIAN DRIVING LICENSE.
- 2- SAUDI DRIVING LICENSE.
- 3- EXCELLENT KNOWLEDGE OF AUTOCAD.
- 4- COMPUTER SKILLS: MS OFFICE, E-NET & PRO-ENGINEERING.

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