**BAKRY** **Mechanical Engineer**

**Lebanon**

Date of Birth: 1/1/1994

Marital Status: Single

Nationality: Lebanese

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**OBJECTIVE**

Seeking a challenging position within your organization in the field of Mechanical Engineering, where I can exercise my technical skills and knowledge and get the opportunity for continued professional growth in a professional working environment.

**EDUCATION**

|  |  |
| --- | --- |
| Lebanese International University, Faculty of Engineering |  |
| Masters in Mechanical Engineering | July 2016 |
| Bachelor in Mechanical Engineering | July 2014 |
| Jamil Rawas High School |  |
| Lebanese Baccalaureate - General Science |  |
| **JOBS** |  |  |
| **Engineering Company:** | Jan 2018 – Present Now |
| **Site and Office Mechanical Engineer:** |  |  |
| Project name/Location: **Mazraa School / Mazraa** **–** **Lebanon** |  |
| Consultant: **Spectrum** | Main Contractor: **Al-Bonyan** |

**Project Description:** This project is a school occupying a total gross area of 2000 m2per floor. It isformed of eight floors and four Basements.

Tasks:

* Redesign of Water Supply, Drainage, HVAC and Fire Fighting Systems for all floors.
* Preparing executable shop drawing layouts of all trades.
* Preparing bills of quantities (BOQ) and ordering materials from suppliers.
* Pressure drop calculation and selection of Fans.
* Perform daily communications with consultant and main contractors.
* Preparing drawings to the Forman and Labors to be executed on site.
* Preparing Site inspection reports (SIR) for Sleeves, Pressure Tests and executed items to submit them to the consultant.

**MIT Engineering:** June 2017-Jan 2018

* AsBuilt Drawing for HVAC & Chilled water Systems.
* Flushing and Testing for steam chiller.
* Prepare BOQ List and Progress Reports.

**Gharib Engineering:** Feb 2016-May 2017

* Cooling and heating load calculations of different projects using HAP.
* Design of HVAC drawings (Split units, concealed units, VRV system).
* Design of water supply, drainage, and firefighting systems of different projects (Villa, high rise buildings and malls).

**TRAINING**

**Wakim Engineering Company:** March 2015-Dec 2015

The SPOT C / Choueifat – Lebanon

This project is a Mall occupying a total gross area of 18000 m2 per floor. It is formed of four floors and five Basements.

* Design of Water Supply, Drainage, HVAC and Fire Fighting Systems of travelator lobbies.
* Performing executable shop drawing layouts of all trades.
* Site Supervision.
* Pressure Drop calculations of Fans and AHUs using ASHRAE duct fitting Database.
* Pressure Drop calculations of different kinds of pumps.

**Unit Construction Company:** Sep 2014-Dec 2014

Omnia Building / Beirut

* Cooling and heating load calculations.
* Drawing Asbuilt on site.

**FINAL YEAR PROJECT**

**Study of different systems for a commercial building:** The aim of the project is to make a designand shop drawing of all trades for a commercial building (Drainage, Water supply and HVAC ) with low energy consumption, using AUTOCAD for Design, HAP for thermal calculations.

**COMPUTER SKILLS**

Knowledge in HVAC Software (HAP), MATLAB, Java Programming. Strong Knowledge also includes **AutoCAD (2D/3D)** software and all of the Microsoft Office applications (**Word,** **Excel…)**.

**LANGUAGES**

Fluent in English, Arabic is the mother language.