

Nathalie Saghbini Chaaya

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PROFESSIONAL PROFILE

Over 12 years of experience in mechanical engineering design, estimation and technical sales with Khatib and Alami - Consolidated Engineering Company & Khater Engineering & Trading. I have also expertise in consultancy, engineering design from concept design to execution, bidding, cost estimation, marketing and technical sales.

Moreover I have gained experience working on both public and private sector projects including and not limited to the followings: Airports, Universities, Schools, Towers, Hospitals, Resorts, etc.

PROFESSIONAL EXPERIENCE

“Solution Power Partner - Offshore”, Lebanon.

1st August 2019 till Present

Senior Mechanical Design Engineer

“SPP” is a leading Lebanese-based EPC company which constructs and manages power plants based on reciprocating engines that run on HFO, Gas, Diesel and Dual Fuel, as well as solar PV systems.

Duties:

- Design and supervise the design of power plant projects including preliminary studies, calculations, specifications and drawings.

“Khater Engineering & Trading sal”, Lebanon.

1st October 2015 till 31st July 2015

Senior Mechanical Sales Engineer

“Khater Engineering and Trading” is one of the leading companies in mechanical contracting and Trading. Khater Eng. is the exclusive agent for Hitachi VRF systems, CIAT products & Siemens Controls in Lebanon.

Duties:

- Bidding for MEP contracting projects including analyzing quotations received from suppliers & preparing cost estimation for various types of projects including and not limited to:
 - Algorithm New Facility - Zekrit.
 - The New Bankmed Headquarters - Beirut.
 - University of Balamand Medical Center.
 - UAE embassy In Beirut.etc
- Performing direct technical sales and managing the company daily sales operation including client support, follow up and marketing.
- Supporting clients, consultants and mechanical contractors over the telephone and by email.
- Analyzing mechanical design drawings and proposing alternative engineering solutions, in order to provide cost effective & environmental friendly mechanical systems.
- Conducting seminars and presentations promoting the company's products.

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Senior Mechanical Design Engineer

Khatib & Alami is a reputable worldwide leader in architecture, civil, mechanical and electrical engineering design. At Khatib & Alami, I learned to be a problem solver and an innovative thinker who perceives challenges as an opportunity to push boundaries.

Duties:

- *Concept mechanical design including coordination between trades, specifying the required mechanical reservations & proposing mechanical systems to various applications.*
- *Execution of mechanical drawings including HVAC, water supply, drainage and fire fighting for different types of projects including and not limited to:*
 - *Saraya Aqaba Resort Hotels in Aqaba - Jordan.*
 - *Mamdouha Al Sayyed Cancer Center - Tripoli.*
 - *North South Saudi Railway.*
 - *Air Algerie in Algeria.*
 - *Beirut Terraces Residential Tower - Beirut.*
 - *CCC Office Building - Beirut.*
 - *Riviera I Compound - Khubar - KSA.*
 - *Al Awali Office Building in KSA.*
 - *Villa Dr. Alami - Shemlen - Lebanon.Etc*
- *Application of national and international mechanical codes similar to Ashrae , NFPA, national plumbing code, etc.*
- *Team leader & supervisor responsible of delivering the designated project on time with a remarkable quality.*
- *Preparing value engineering analysis.*
- *Preparing the mechanical specifications and the bill of quantities related to the projects in hand.*
- *Participating in meetings with clients besides internal coordination meetings.*
- *Preparing minutes of meetings and noting all the details related to the work progress.*
- *Training new employees.*

Education:

*Lebanese University - Faculty of Engineering - Branch II - Roumieh.
- Diploma in Mechanical Engineering with honors - June 2007*

College Notre Dame des Apôtres - Rawda - June 2002: General Sciences diploma with honors.

Professional Courses:

- *Apave training course for fire safety in Beirut.*
- *REVIT advanced training course in Beirut.*
- *LG Multi-V design course in Amman-Jordan.*
- *Daikin VRV Training Course in Beirut.*
- *LEED Training Course in Beirut.*

Memberships:

Member of the Order of Engineers & Architects - Beirut since June 2008.

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Technical Skills:

- *Leadership skills.*
- *Qualitative and basic quantitative research analysis, team-working...*
- *Proficient in AutoCAD, REVIT, Microsoft Office.*
- *Expert in computer software for calculation of thermal load (Carrier block load, Carrier hourly analysis program (HAP) and Elite commercial HVAC design) in addition to many products selections software.*

Languages:

Fluent in Arabic, French and English.

Interests & Hobbies:

Music, Cinema, hiking, sports & cooking.