



## Mechanical Engineer

Leadership   Project Management   MEP Services   Commercial Orientation

### Career Summary

- A dynamic Mechanical Engineer with experience in diverse environments, including manufacturing, building services, steam systems, firefighting systems, HVAC, plumbing, maintenance, robotics and automation
- With a [Bachelor Degree in Mechanical Engineering](#)
- Always deliver positive business outcomes within pressurised environments, without compromising quality or safety
- Worked with major suppliers, including [Bosch](#), [Festo](#), [Schneider](#)
- With extensive experience in operational, maintenance, quality and design requirements coupled with a proven ability to set strategies, develop procedures and exceed targets
- Worked with major organisations, including [Department of Education](#), [Department of Health](#), [Department of Justice](#), [GIZ](#), [Plan International](#), [UNRWA](#), [UNICEF](#), [United Nations](#) and [Royal Commission Alula \(RCU\)](#)
- Proficiency in using engineering software and interface, including AutoCAD, Inventor, SolidWorks, HAP, Elite, Ansys and MATLAB

### Awards

- Dean's List during my University studies
- Awarded Employee of the Month for 3 times

### Key Achievements

- Introduced and modified MEP designs that increased projects revenue by approximately \$500,000
- Managed time efficiency by prioritizing resources and roles
- Successfully supervised the Maintenance Department in the absence of the Maintenance Manager
- Keeping the project within budget & eliminating excessive cost

- Always maintained the expenses below the cost estimation
- Co-operated with different sub-contractors to manage a single project before deadline
- Reduced material usage by redesigning products and reducing parts sizes
- Reduced waste and increased return on investment by utilising Lean Manufacturing Principles
- Eliminated unnecessary materials which reduced cost for our clients and for our organisation
- Was a key player in cost negotiation, saving at least 16% in project budget
- Accomplished numerous Solidworks modelling design drafts and drawings layouts
- Successfully convinced clients to accept lower cost materials that achieve the same purpose, this reduced our cost by 18%
- Recognised as a diligent and dedicated professional who always delivers outstanding results
- Achieved high distinction and distinction during my university studied
- On several occasions, convinced clients to use alternate material by providing extended warranty
- On a regular basis, the Ministry of Education consults with our company on the specifications of the products in order to improve the quality and cost prior, to the release of the tender
- Always satisfy customers' requirements with high precision manufacturing and accuracy

## **Professional Skills**

- Projects Management
- Production Improvements
- Projects Proposal
- Projects Design
- Sales
- Mechanical Design
- Construction Design & Execution
- Autocad, Inventor & Solidworks
- Manufacturing Cycle from Concept to Execution
- MS Office Package
- Cost Minimisation
- Leadership
- Negotiation
- Procurement
- Reporting & Documentation
- Operations & execution Management
- Financial Planning & Cost Estimation
- Building Automation & Smart Applications
- ASME, NFPA & ASHRAE
- Lean Manufacturing

## **Key Skills**

- Excellent organisational skills
- Commercial orientation

- Outstanding time management
- Exceptional customer service
- Exceptional negotiation skills

## Key Strengths

- Juggling multiple priorities
- Working to tight deadlines
- Embrace new technology
- High attention to details
- Deliver on time, every time

## Professional Experience & Achievements

### **Masar Albonyan Contracting Co**

Riyadh, KSA

Aug 2021 to Present

#### Project Manager

- Establish project estimation cost and pricing for MEP & construction
- Negotiate prices for proactive bids and proposals
- Manage proposal response process including detailed RFP requirements, content creation, and inputs from various resources
- Management of close-out procedures including monitoring of punch list to completion, create and maintain comprehensive project documentation, preparations of warranties and operations manual
- Support deal structure and pricing with business value analysis
- Developed & maintained a detailed project timeline for each individual account
- Ran ongoing internal program meetings, including weekly status check-ins
- Provided program and project status reports to the project team and company
- Coordinated with the inhouse architects and engineers to revise and redesign flaws in the building

### **HAE Contracting Co**

Amman, Jordan

Jun 2020 to Aug 2021

#### Mechanical Site Engineer

- Establish project estimation cost and pricing for MEP & construction
- Responsible for planning and design in the areas of mechanical, electrical, and plumbing by utilizing local / international codes & generate bill of quantity
- Selection, operation and troubleshooting of pumps including but not limited to water supply, fire, Hvac pumps and Air handling units
- Selection, operation and troubleshooting of steam system including piping and boilers

- Approve of firefighting system design from civil defence department
- Responsible for installing firefighting, plumbing, and HVAC systems
- Direct the team on the execution and installation methods
- Review drawings, specifications, and cost estimates for the mechanical, electrical, and plumbing systems

**Hassouneh Furniture Company**

Amman, Jordan

Dec 2019 to Jun 2020

## Maintenance &amp; Production Manager

- Prepare drawings for mechanical parts
- Prepare quotation and invoicing for tenders and costumers
- CNC machines operations and programming
- Maintenance of machines specialised in pneumatic systems
- Daily reports on the condition of the machines and ensure all machines are functioning at the highest efficiency
- Effectively execute and accomplish all assigned tasks within given time while maintaining high quality standards
- Minimize materials waste within the manufacturing cycle while maximizing the productivity by applying lean manufacturing method
- Proficiency in generating CNC programs and reduce running machines time and cost while maintaining productivity at the highest level

**Cts Engineering Solution BHD**

Melaka, Malaysia

Mar 2019 to Jun 2019

## Production Engineer Trainee

- Read and prepared drawings of mechanical parts
- Mechanical parts' production
- Jig and fixture production
- CNC operation and programming

## Education

**MULTIMEDIA UNIVERSITY**

Nov 2019

Bachelor Degree in Mechanical Engineering

Major subjects

- Finite element analysis
- Fluid Dynamics
- Mechanics of Materials
- Theory of Machines
- Heat transfer
- Thermodynamics
- Robotics and Automation
- CAD/ CAM

## Courses, Training & Development

2020 - Steam System design training course

2020 - Plumbing design training course

2020 - Fire Fighting system design training course

2020 - Building management system (BMS) training course

2021 - Pumps: Selection, operation, maintenance & troubleshooting training course

2021 - Heating, Ventilation and air conditioning system course (HVAC)

## Referees

Available upon request