

Muhammad Labib Sherif

Mechanical Design & Production Engineer

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marital status: Married

Summary:

A mechanical design engineer with 5+ years of experience in designing and manufacturing, I have a solid experience in production processes, and various manufacturing methods- sheet metal & Die Design & 3D Model Design - Metal Casting – Plastic Injection Mold- Double jacketed mixing tanks, I'm a committed to continuous learning and online education at my field as a mechanical designer.

Work Experience:

-Technic office engineer From 07/2020, Till present time - Versay for trading and contracting and metal works

- Responsibilities:

- I have extensive experience in designing and manufacturing in various projects in our country – Fire doors –catwalk handrail-Electrical panel-steel ladders-Wire mesh steel fence-sand trap & Louver –Sliding gates-Access hatch steel for Water sealant – Metal pergolas & Open sheds-Decorative fence .

- Designing different product variations and performing stress analysis for each variation.

- Design, Estimation costing of various Steel.

- Making of shop Drawings.

-Freelance Mechanical Design Engineer

Workshop production Engineer at versay for trading and contracting and metal works 09/2018 – 07/2020

- **Responsibilities:**

- Receive Drawings from Technical Office Then Execute and Distribute the Job Required.

-Work alongside Workers and Technicians.

-Operate CNC Machines Such As: CNC Laser fiber & CNC Press bending machine. - Handling a Project from Scratch to Completion.

- Creating a plan for the production process including scheduling, and quality control.

-Think Creatively To Produce New Ideas And Concepts.

-Metal fabrication: This involves the creation of metal structures and components through cutting, bending, and assembling metal parts.

-Powder coating: This involves the application of a powder coating to metal surfaces to provide a durable and attractive finish.

Specialties:

Solar Pumping Systems

- PV Elite (pressure vessel)
 - Designing mixers
 - Basics of designing and manufacturing packaging machine
 - Sheet metal design
 - Strong knowledge of cad modeling.
 - Auto CAD
 - Experience with solid work (sheet metal- Surface mold –mold Tool - Logo press Die Design-Weldment)
 - Experience with Cam Software.
 - Simulations using solid works
 - Siemens NX
 - CNC Laser fiber &CNC Press bending machine
 - precast software
 - Art Cam
 - Geomagic Design X Basic
 - Corel Draw
 - Design, Estimation costing of various Steel
 - Making of shop Drawings
 - Workshop management
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Education:

Oct. 2013– July 2018: Bachelor of Engineering, Mechanical power Engineering Department, Faculty of Engineering, Kafr Ash Shaykh University
Graduation Grade : good.

Graduation Project : Renewable Energy (Thermal enhancement of paraffin wax as a phase change material with nanoparticles).

Grade of project : Excellent.

Certificates & Courses

- Welding Course
- Power mill Diploma
- Plastic injection modeling
- Classic Control
- Metal Casting

Summer training

- Trainee, Kafrelsheikh Spinning & textile factory From 1-8 To 30-8-2015.
[Maintenance Section- Air conditioning system-Production control].
- Trainee, Talkha Power Plant From 1-8 To 30-8-2016.
- Trainee, as a Construction Engineer at (Leeds Company) During Construction Of El Burullus Combined cycle power plant 4800 MW- Kafr esh-Sheikh
From 1-7 To 1-9-2017.

Personal Skills:

Computer Skills:

- Generally Excellent computer skills concerning the most widely used software (MS office, MS windows, Internet etc.).

Hard Skills: Engineering, Management, Planning & Scheduling, Technical Specifications

I'm Very good in communication and dealing with others Self-learning, self-motivating skills and work under stress. adapt to any job quickly Ability to work individually

and as a co-operative team. Have the total ability and desire to learn and upgrade

Language Skills:

- Arabic (Native)
- Very Good command of English written and spoken.