

Shady AbouAli

Mechanical engineering Project manager



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Cairo/Egypt

Married

Summary

Senior mechanical engineer with a 15-years background in mechanical engineering, project management and business development for Mechanical design Engineer with project management capability. Efficient collaborator who moves projects forward in a competent, technically sound manner, inspire stakeholders to share ideas and information for project success. Results-oriented with a hands-on approach to tackling projects and accomplishing goals.

Project manager

MAXTRUSION May 2015 -Present

- Communicate with stakeholders about the project needs and objectives
- Define, review and coordinate project scopes
- Creating Long- and short-term plans, including setting targets for milestones and adhering to deadlines.
- Search for information as required. Perform administrative tasks such as invoicing, estimates, scheduling meetings, etc.
- Follow up the project cash flow.
- Assessing and minimizing risk
- Supervising staff and manufacturing processes and making appropriate recommendations for improvement
- Track all project deliveries starting from issuing signing contract, during the execution process, till closing process.
- Performing quality control on the project throughout development to maintain the standards expected
- Track and report on project progress. Complete any tasks assigned by the Chairman of the Board efficiently and in a timely manner.
- Provide reporting to senior management and stakeholders
- Control all project documentation

Senior Mechanical engineer / R&D manager

Maxtrusion May 2010 -May 2015

- Prepare designs, Calculations, Sketches, Diagrams and working drawings and develops details and edit specifications
- Work with project management to develop overall schedule, and manage time and tasks within schedule
- Lead test method and model development
- Provide leadership of engineering projects
- Responsible for conducting Design reviews at various envelopment stages
- Work with internal departments and external vendors to obtain prototype parts and to understand their capabilities and limitations
- Communicating with staff, directors, and clients.

Senior Mechanical design engineer

Shouman Oct. 2006 -May 2010

- Developing design prototypes
- Create simulation models to predict structural, fatigue, vibration, thermal, flow and polymer extrusion of new products in development using CAD and ANSYS Simulation
- Responsible for new product development and on hand products drawings & BOM & IOM management & design improvement and certification
- Develop and perform component performance testing and product verification testing
- Analyzing data to write up reports

PROFESSIONAL SKILLS



- Projects management (PMP Certified)
- Project Planning
- Quality control
- Risk management
- Process development
- Development
- Prioritizing
- Managing vendors
- Business Development
- Problem-solving
- Primavera P6
- Asana
- MS Office
- MS Project
- Multitasking
- Problem solving skills
- Conflict resolution
- Strong interpersonal skills
- Communication
- Mechanical engineering
- Machine design
- CAD Software's ,2D and 3D
- ANSYS

COURSES



- PMP, Google Certified
- Entrepreneurship
- Product management
- Primavera P6
- Time management
- Die and screw design
- English
- ANSYS
- PLC
- SKF
- Pneumatic and Hydraulics

LANGUAGES



- Arabic ★★★★★
- English ★★★★★
- German ★★☆☆☆

Exhibitions (More than five exhibitions)

Responsible for the specification and production of exhibit machines, projects.

Responsible for the communications and preparations of the exhibition

- K-Show, Dusseldorf Germany, (Four times) 2010-2013-2016-2019 <https://www.k-online.com/>
- Fakuma Dusseldorf Germany, (One time) 2015 <https://www.fakuma-messe.de/en/>

Blown film machines , projects (more than 17 projects)

Supervising the **Design, manufacturing, BOMs, manufacturing, assembly and Landing of projects** at the customer

- Mono layers blown film project, Germany (**seven projects**)
- 3-layers blown film project, European customers (**three projects**)
- 5-Layers blown film project, European customers (**three projects**)
- 7-Layers blown film project European customers (**one project**)
- 9-Layers blown film project (**one project**)
- Agricultural and geo-membrane blown film line (**two project**)

Cast film machines , projects (More than 4 projects)

- Mono layers blown film project, European customers (three projects)
- 5-Layers blown film project (one project)

Process development

- Hard chrome plating process development
- Development of the industrial process,

Research and development

- Configuration software, Generate automatically CAD files
- Multi-layers blown film extrusion die
- Winding machine
- Extrusion flat, Coat hanger, molds
- Barrier screw design concept
- Aerodynamics cooling systems

Other machines ,projects

- Hanger Ventilation system
- Side seal bag making machine