

# **Mousa Mahmoud SALEM**

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**"Civil Engineer With 6 Years Of Experience  
Seeking A Challenging Technical Office Engineer As Bim Civil Engineer  
(SCE)**

## **PROFESSIONAL SKILLS**

### **. Autodesk Construction Cloud (ACC)**

- Autodesk (Autocad)
- Microsoft Office (Excel, Word, Powerpoint)
- Cut Optimization
- Primavera
- ASD (Autocad Structure Detailing)
- Naviswork
- Revit

- Technical Skills: Shopdrawing Structure

- Quantity Surveying

- Cost Estimation

- Dynamo

- Coordination

- LOD 400

- Creation Of Families And Templates (Reinforcement Concrete)

- 3D Modeling (Reinforcement Concrete)

- Security System Creation For Site (3D Modeling For Mega Projects)

- Steel Structure

. Courses Have Been Taken In The Manual Design Of Structural Elements.

· Design Design Of Wooden Trusses (Floors, Walls, Columns, Foundation) According To American Code

## **WORK EXPERIENCE**

**[Consultant Engineer Bureau Company] SUBCONTRACTOR FOR (MBL) - Saudi Arabia - Jeddah**

**MEGA PROJECT (Jeddah Central Oceanarium)**

**AUG/2025-AUG/2025**

**[Bim TECHNICAL OFFICE ENGINEER]**

- Preparing All Structural Drawings For The Project

- Following Up On Structural Works With All Other Departments, And Resolving Conflicts/Clash

[TECHNICAL OFFICE ENGINEER]

**. The Project Involves The Construction Of 160 Villas With All Phases Of The Concrete Structure Fully Completed**

**.The Project Consists Of 10 Blocks With 10 Villa Models**

- Created Detailed Guidance Drawings, Technical Specifications, And Comprehensive Site Plans; Increased Project Accuracy By 25% And Reduced Project Completion Time By 15%
- Quantity Survey And Cost Estimation

**. Managed A 3 Residential Tower Project Consisting Of 12 Floors (600 Square Meters), Including A Basement, Ground Floor, Administrative Floor, And 4 Upper Floors.**

- The Ability To Work And Connection With A Full Team In Mega Project And "Following The Project Leadership's Instructions."
- Collaborated With A Cross-Functional Team On A Mega Project, Increasing Project Efficiency By 40% And On-Time Delivery Rates.
- Coordinated The Detailed Creation Of Executive Panel Shop Drawings, Ensuring Precise Specifications Which Reduced Rework By 15% And Streamlined Approval Processes

**. Developed And Coordinated Detailed Drawings And Quantity Surveying For 112 Local Residential Houses (100-140 Square Meters), Optimizing Material Usage And Reducing Construction Time By 15%.**

- Compiled And Analyzed Over 65 Documents And Reports Related To Ownership And Building And Reducing Approval Delays By 35%.
- Created Detailed Guidance Drawings, Technical Specifications, And Comprehensive Site Plans; Increased Project Accuracy By 25% And Reduced Project Completion Time By 15%
- Quantity Survey And Cost Estimation

[SITE CIVIL ENGINEER]

**(Steel Structure Projects)**

**. Implementation Of Factory Trusses Establishment Of A Factory, "Production Branch And A Warehouse At" The Mars Factory.**

- Followed Up On Site Work And Received All Project Stages According To The Egyptian Code And Specifications, Resulting In A 10% Cost Saving.
- Surveying Equipment Was Used Throughout Construction, Resulting In A 10% Cost Saving

**Implementation Of "Production Line And A Storehouse At" The Americana Factory**

- Supervised The Comprehensive Inspection And Approval Process For Steel Structures, And Increasing Compliance With Structural Safety Standards By 20%.
- Executed Metallic Coverings, Electrical, And Plumbing Works For Several

Factory Projects, "Enhancing Operational Efficiency By" 15%.

### **. Implementation And Construction (3) Residential Buildings Of(4) Floor.**

- Executed Detailed Inspections Of Concrete And Reinforcement Works To Ensure Strict Compliance With Approved Structural Drawings And Standards, Resulting In A 10%  
"Reduction In Project Delay

- Ensure The Safety Of All Project Personnel, Materials And Equipment Through The Presence Of Strict Verification Processes, Resulting In Zero Incidents And Compliance With Industrial Safety Standards In 100% Of Project Construction.

### **. Some Finishing Stages In (7) Building, Delivered Projects For Givaudan Egypt S.A.E And Henkal Plant - Novarets Farma Unilever Egypt Hps Factory- Mountain View October Park "Enhancing Operational Efficiency By"20%**

"I Oversaw Electrical, Plumbing, Plastering, Painting, Flooring, Gypsum, Marble, And Facade Stone Projects."

## **EDUCATION**

[UNIVERSITY : DELTA HIGHER FOR ENGINEERING]

[GRADES: GOOD]

[CIVIL ENGINEER]

[EDUCATION GRADUATION DATE : MARCH/2020]

## **LANGUAGES**

**Arabic : Native**

**English: Fluent**

