

AMMAR MARZOUK

LANDSCAPE & IRRIGATION ENGINEER

CONTACT

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 Hadayek Elmaadi-Cairo-Egypt

➤ KEY COMPETENCIES

Hard Worker	Leading Personality	Team Leadership
Quick learner	Accepting Advice	Communication
Ambitious	Self Developer	Site Management

➤ SAMMARY

Landscape & Irrigation Engineer with 3+ years of experience in designing, executing, and documenting irrigation and landscaping systems for residential, commercial, and large-scale projects. Skilled in smart irrigation design, water-saving solutions, and creating green spaces that meet client and environmental requirements.

Experienced in site supervision, technical coordination, and preparing accurate As-Built drawings, Shop Drawings, and technical submittals in compliance with project specs and consultant approvals.

Also experienced in the WPC (Wood Plastic Composite) industry, managing technical execution of outdoor structures with a focus on durability and aesthetics.

Proficient in technical office tasks including material submittals, quantity take-offs, BOQs, daily reporting, and site coordination to ensure integrated and practical project delivery.

➤ WORK EXPERIENCES

- **TROPICAL LANDSCAPING** **May2025-Present**

SENIOR LANDSCAPE ENGINEER.

Accomplishment:

- Managing the work team.
- Prepare design shop drawing for irrigation network and planting. Sprinkler, Drip, Bubbler, and control networks.
- Make Calculation sheets for the design.
- Make Hydraulic sheets for main line and lateral pipes.
- Paper work in the technical office (MIR-IR-RFI-VO...)
- Follow-up construction work on site.
- Hand over the works to the consultant.
- Prepare final as built.
- Manage Site works.

Projects:

- Seashell PLAYA in the North Cost.
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- **ECO WOOD WPC**

May2024 –May2025

PROJECT MANAGER (PART TIME).

Accomplishment:

- Work as a project manager for bio-wood projects (pergolas, Decking, cladding, Fence,), handling both design and execution.
- Specialize in 3D Designs.
- Work as a technical engineer for designing pergolas.
- Managed paid advertising campaigns on Facebook, Instagram and TikTok for Eco Wood's WPC products.
- Developed targeted campaigns that resulted in a 30% increase in website traffic and a 25% growth in sales leads.
- Analyzed campaign performance and adjusted strategies to improve conversion rates and cost-per-click (CPC)

- **GREEN ENGINEERING AND CONTRACTING.**

Apr2023-May 2025

LANDSCAPE&IRRIGATION ENGINEER.

Accomplishment:

- Prepare design shop drawing for irrigation network and planting.
- Sprinkler, Drip, Bubbler, and control networks.
- Make Calculation sheets for the design.
- Make Hydraulic sheets for main line and lateral pipes.
- Paper work in the technical office (MIR-IR-RFI-VO...)
- Prepare Bill of Quantity.
- Follow-up construction work on site.
- Hand over the works to the consultant.
- Prepare final as built.

Projects:

- Antoniadis Gardens development project in Alexandria.
- Vivens Residence-Elshorouk.

- **LAJOLIE MARINA ELSOKHNA**

Aug2022 - Mar2023

LANDSCAPE SITE ENGINEER .

Accomplishment:

- Supervised site execution including planting, irrigation installation, soil preparation, and material selection.
- Work as a maintenance engineer for irrigation systems.
- Monitored site progress, managed labor teams, and ensured quality standards were maintained.
- Worked with native and ornamental plants to create sustainable, aesthetic outdoor environments.

➤ **TRAINING**

- Maintenance of Agricultural Machinery and Tractors in Menofia University.
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➤ **COMPUTER SKILLS**

- AUTOCAD 2D.
 - SKETCH UP
 - LUMION
 - Microsoft Office Programs
 - Photoshop.
 - Illustrator.
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➤ **COURSES**

- Design irrigation systems (SHIRA GROUP).
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➤ **EDUCATION**

SUEZ CANAL UNIVERSITY

Bachelor's Degree.in Agricultural Engineering ,Faculty of Agriculture 2016-2022

- **General Division:** Agriculture machine, Irrigation and Landscape and Solar Energy, Surveying.