

Ammar Marzouk

Landscape & Irrigation Engineer

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Profile

Dedicated and results-oriented Landscape & Irrigation Engineer with over 3 years of proven experience in the design, execution, and documentation of irrigation and landscape systems for a wide range of residential, commercial, and large-scale projects.

I possess solid hands-on expertise in designing and implementing smart irrigation networks, water-saving solutions, and aesthetically appealing green spaces that align with client requirements and environmental considerations. My work extends from on-site supervision and technical coordination to full responsibility for preparing accurate As-Built drawings, Shop Drawings, and detailed technical submittals, ensuring all documentation complies with project specifications and consultant approvals.

In parallel, I have gained valuable experience in the WPC (Wood Plastic Composite) industry, where I managed the technical execution of various outdoor structures—balancing aesthetics with durability and client expectations.

Skilled in technical office work, I handle everything from material submittals, quantity take-offs, and BOQs to daily reporting and site coordination. This blend of field and office experience enables me to deliver integrated solutions that are both technically sound and practically executable.

Professional Experience

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| Project Manager, <i>Tropical Landscaping</i> | 05/2025 – present |
| <ul style="list-style-type: none">• Work as a Project Manager for the Seashell Playa North Coast project, overseeing the full execution of irrigation network systems on site.<ul style="list-style-type: none">• Responsible for managing site teams, ensuring quality control, and coordinating daily activities to meet project timelines and technical specifications.• Also handling technical office tasks, including preparation of shop drawings, as-built drawings, quantity surveying, material submittals, and all related documentation. | |
| Project Manager, <i>Eco Wood WPC</i> | 05/2024 – 05/2025
6th October City, Egypt |
| <ul style="list-style-type: none">• 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). | |
| Landscape & Irrigation Engineer, <i>Green for Engineering and Contracting</i> | 10/2023 – 05/2025
6th October City, Egypt |
| <ul style="list-style-type: none">• Reconfigure existing irrigation systems to meet new water conservation standards.• Work as a construction and maintenance engineer for irrigation systems in the Antoniadis Gardens development project in Alexandria. | |

- Work as a Technical Office, construction and maintenance engineer for irrigation systems in (Vivens- Elshorouk).
- Work as a technical engineer for irrigation systems.
- Have strong experience in technical office work, including handling project documentation, preparing As-Built drawings, Shop Drawings, quantity surveying, and invoices with full coordination between site execution and design requirements.

Landscape Engineer, Lajolie Elsokhna Resort

01/2023 – 08/2023
Ain-Elsokhna, Egypt

Supervised site execution including planting, irrigation installation, soil preparation, and material selection.

Collaborated with design teams to align landscape vision with client needs and environmental conditions.

- Develop innovative irrigation systems that improved water efficiency by 100%.
- Work as a construction and 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.

Prepared BOQs, planting schedules, and irrigation layouts based on project specifications.

Education

Agricultural Engineering, Suez Canal University

06/2022

I studied agricultural engineering at the Faculty of Agriculture Suez Canal University

Ismailia, Egypt

Skills

- Autocad
- Microsoft Office
- SketchUp
- Leadership Skills
- Lumion
- Sales Skills
- Photoshop
- Customer Service

Courses

Maintenance of Agricultural Machinery and Tractors, Menofia University

09/2023 – 10/2023
Shibin Elkom, Egypt

- Operated various types of tractors and other farm machinery using safe and effective procedures.
- Performed routine maintenance activities on tractors and other farm machinery, such as oil changes, filter changes and mechanical repairs.

Irrigation Design for Landscape, Shira Group

05/2023 – 08/2023
Cairo, Egypt

I successfully completed a training course on Landscape Irrigation Network Design using AutoCAD at Shira Group.

This course provided in-depth knowledge of designing efficient irrigation systems for landscaping projects, focusing on optimizing water distribution, pipe sizing, and layout planning. I gained hands-on experience with AutoCAD tools to create precise irrigation designs, ensuring sustainability and cost-effectiveness in landscape development