

Abdelrahman Abou Bakr Khalid Ismail

Irrigation/Landscape Engineer

✉ abdoomara61@gmail.com



+971566108819



Abu Dhabi, UAE



linkedin.com/in/abdalruhman-aboubaker

Summary

Results-driven professional with extensive 5 years experience in Irrigation and Landscape Engineering, as well as a proven track record as a consultant for DMT projects in Abu Dhabi. Focused on delivering innovative, sustainable solutions and high-quality service across diverse environments. Known for thriving in dynamic, fast-paced settings by applying strategic thinking, creative problem-solving, and a commitment to continuous improvement.

Experience

12/2024 - Present

Irrigation Engineer

El Patio Engineering Consultancy - Abu Dhabi UAE

- **Site Inspections:** Role involves Inspection of works carried out at site by contractor, Inspection of MIR, WIR's, follow up and supervise the execution works at site. Ensuring the compliance of project specification approved shop drawings, approved material etc.
- **Comprehensive Reporting:** Provided expert recommendations ensuring that the project is in compliance with approved plans and quality benchmarks. Follow up and close out the QCR, RFI.
- **Contractor Supervision:** Looking all Irrigation/ landscaping/ Hardscaping/ MEP activities with the contractor & client. Inspection of Plants/Trees species sample. Inspection Irrigation water/requirements through different plants requirement. Inspection of all quality of Irrigation and softscape work.
- **Cross Collaboration:** Coordinated with multidisciplinary teams including environmental specialists, and project managers. Attend and discuss weekly progress meeting with the Client and Contractor.
- **Project Management:** Assisting in the planning, execution, and monitoring of site-related projects, ensuring deadlines and goals are met.

Projects:

Design & Construction of 01 No. Park in Al Quaa

Client: (DMT) Department of Municipalities & Transport, Abu Dhabi

Contractor: Al Darmaky Contracting & Agriculture Materials LLC

Project #: DMT-CR-269-2024

Position: Irrigation Engineer.

Responsibilities: Planning, supervising, and ensuring the efficient execution of all irrigation systems as well as the associated softscape, Hardscape, sewerage, storm-water management, and potable water infrastructure.

Start date and end date of the project: April 2025 - October 2025

Projects:

Ghaf Park Regeneration, Abu Dhabi

Client: (DMT) Department of Municipalities & Transport, Abu Dhabi || ZAAD Development

Contractor: (GCL)Gulf Contracting & Landscaping LLC

Project #: ZD-PRD-000182-TA-24-001

Position: Irrigation Engineer

Responsibilities: Planned, supervised, and ensured the efficient execution of irrigation systems and related softscape, sewerage, storm-water management, and potable water infrastructure.

Start date and end date of the project: December 2024 - Aug 2025

04/2024
12/2024

Irrigation / Landscape Engineer

Prompt General Contracting LLC - Abu Dhabi

- Managing and supervising assigned Irrigation ,Landscape, MEP works and landscaping projects
- Monitoring the safety & quality aspect of the work & equipment at site.
- Preparing an indicative requirement of materials for the projects etc.
- Attending all site meetings to discuss job scheduling / job progress with the higher officer.
- Designated Landscape Area surveying, marking and locating plants as aesthetic manner.
- Capable of Design & Drafting of landscape & Irrigation System.
- Ensure the work as going on the drawing and consultant involvement.
- Making DPR on daily basis & discuss with the PM for the smooth workflow.

03/2021 -
02/2024

Irrigation / Landscape Engineer

Landmaster - Cairo Egypt

- Conducted thorough reviews of environmental assessments, survey reports, topographic maps, and related data sets to support informed project planning and decision-making.
- Evaluated environmental conditions to diagnose engineering challenges and assess potential impacts of proposed projects.
- Performed technical calculations including load analysis, grading requirements, hydraulic flow rates, and material stress factors to ensure compliance with design standards and performance criteria.
- Designed efficient, sustainable, and cost-effective irrigation systems and site development plans, including preparation of detailed cost estimates and technical documentation.

09/2020 -
02/2021

Site Engineer

Makland Construction Company, Cairo Egypt

- Collaborated with the project team to review and interpret blueprints, ensuring accurate execution of design plans.
- Monitored construction progress and provided regular updates to project managers, contributing to timely and efficient project delivery.
- Gained hands-on experience with construction materials, tools, and techniques, enhancing practical knowledge of site operations.
- Strengthened problem-solving abilities by addressing on-site challenges and proposing effective solutions under supervision.

Education

2016 - 2020

Bachelor Of Irrigation Engineering

Al-Azhar University

2017 - 2020

English Diploma

The American University in Cairo

Hard Skills

- Project Management
- Program & Portfolio Management
- AutoCAD
- Rivet
- Google Suite programs
- Comprehensive Reporting
- Insights Generation

Certificates & Licenses

- Irrigation and Landscaping course from SHIRA
- English Diploma from The American University in Cairo
- Training in Fuel Logistics in The UN Fuel sites in the Central African Republic
- Coding with Python Course
- Confined Space Supervisor - Nour Safety Consultancy LLC
- UAE Driving License