

ASHRAF HAJI ABDULRAHMAN

Saudi Arabia | +966556490694 | ashrafhaji358@gmail.com

LinkedIn: <https://www.linkedin.com/in/ashraf-hajji-13b356226>

Professional Summary

Agricultural and Landscape Engineer with over 5 years of experience in site supervision, landscape implementation, and irrigation system design across residential, commercial, and public garden projects. Proficient in AutoCAD, 3ds Max, QGIS, Rian CAD, and IRRICAD software, with extensive experience in technical office tasks including BOQ preparation, shop drawings, and coordination between site and office teams. Seeking a professional opportunity with a reputable company to apply my technical and field expertise in delivering high-quality and sustainable landscaping and irrigation projects.

Professional Experience

Agricultural Engineer | Saudi Icon | Riyadh | Sep 2024 – Present

Worked on major governmental landscape projects across Riyadh and Jeddah, including:

- A large landscape garden for the Ministry of Defense building in Riyadh.
- A large park within the “New Murabba” project.
- A mid-sized park under Dariya Gate Development Authority.
- A large public garden in Jeddah Al-Balad for the Ministry of Culture.

Key Responsibilities:

- Designed irrigation networks using AutoCAD and Rian CAD based on plant needs and soil conditions.
- Selected and coordinated plant species in alignment with the landscape concept.
- Executed on-site installation of irrigation systems and plantings as per approved drawings.
- Prepared quantity take-offs (irrigation materials, plants, fertilizers) using Excel.
- Supervised plant care and maintenance until project handover.
- Liaised with suppliers to ensure material compliance with project specifications.
- Achieved a 15% cost reduction by optimizing system layout and material selection.
- Ensured all projects were delivered on time.

Technical Office Engineer – Agricultural Engineering | Colors Structure | Tabuk | Mar 2024 – Sep 2024

Worked on multiple irrigation and landscaping projects within NEOM Camps 17-18, 19- 20. These projects focused on efficient irrigation system implementation and well-coordinated plant selection.

Key Responsibilities:

- Designed and implemented complete landscape and irrigation solutions tailored to NEOM site conditions
- Developed irrigation network layouts using AutoCAD and Rian CAD .
- Coordinated plant selection and placement in alignment with project aesthetic and environmental guidelines.
- Extracted and organized full project quantities including irrigation components, plant materials, and fertilizers using Excel.
- Prepared comprehensive BOQs and shop drawings to support site execution and procurement planning.
- Contributed to effective material planning, reducing waste and improving installation.

Agricultural Engineer | Freelance | Saudi Arabia & Syria | 2022 – 2025

- Developed garden architectural and structural plans using AutoCAD 2D and 3DS Max.
- Conducted site analysis for plant selection and landscape compatibility.
- Maintained gardens including plant care, pesticide and fertilizer application.
- Designed irrigation systems and calculated associated quantities and hydraulics.
- Finalized landscaping projects according to client specifications and best practices.

Agricultural Products Sales Representative | UNCOD Company | Damascus, Syria | Apr 2021 – Nov 2022

- Oversaw the sale and distribution of agricultural supplies and irrigation equipment.
- Provided product guidance to clients and supported after-sales service.
- Developed relationships with local farmers and contractors.

Agricultural Products Sales Representative | Mediterranean Crown | Damascus, Syria | Jan 2020 – Jan 2021

- Supervised agricultural materials sales including irrigation components.
- Supported logistics and customer engagement.
- Contributed to consistent sales growth through technical product knowledge.

Skills & Abilities

Design

- Proficient in designing irrigation systems and landscapes using AutoCAD, QGIS, Rain CAD, IRRICAD, and 3DS Max.
- Ability to translate design concepts into practical and accurate implementation.

Site & Maintenance

- Oversaw installation of irrigation systems and planting based on site layout.
- Ensured quality control and adherence to timelines.
- Resolved on-site issues quickly without impacting surrounding operations.

Technical Office

- Conducted quantity surveying using AutoCAD and Excel to avoid estimation errors.
- Prepared shop drawings including site plans and irrigation layout using AutoCAD 2D, QGIS, Rain CAD, and IRRICAD.
- Produced architectural visualizations for landscaping using 3DS Max.

Training & Courses

- 2023 | Diploma in Landscape Architecture, Irrigation, and Agriculture
- 2023 | ICDL Certification

Education

Bachelor's Degree in Agricultural Engineering
Specialization: Horticultural Sciences
University of Damascus, Syria | 2015 – 2020