

MOHAMED DIAA MOUSA

Agricultural Engineer | Irrigation & Fertigation Engineer

Sharkia, Egypt | 01276724449 | 01069392776 | diaa08702@gmail.com

CAREER OBJECTIVE

Agricultural Engineer with experience in irrigation and fertigation systems, plant nutrition, and agricultural operations. Looking for an entry-level opportunity in Landscape Engineering to utilize my technical background and expand my expertise in landscape design, irrigation, and maintenance.

EDUCATION

Bachelor of Agricultural Engineering

Faculty of Agriculture, Zagazig University

Graduation Year: 2024

Overall Grade: Good

Graduation Project: Hydroponic Systems (Excellent)

PROFESSIONAL EXPERIENCE

Irrigation & Fertigation Engineer

Fresh Energy for Packing & Export

December 2024 – Present

- Preparing irrigation schedules and water management plans.
- Implementing fertigation programs according to plant requirements.
- Monitoring plant health and nutritional status.
- Identifying and correcting nutrient deficiencies.
- Monitoring irrigation system performance to ensure efficient water distribution.
- Supporting crop productivity through proper irrigation and plant nutrition management.
- Supervising daily agricultural operations and field workers.
- Maintaining agricultural records and technical reports.

TECHNICAL SKILLS

- Irrigation Systems Management
- Fertigation Programs
- Water Management
- Plant Nutrition
- Plant Health Monitoring
- Nutrient Deficiency Diagnosis
- Greenhouse Operations

TRAINING & COURSES

Agricultural Pesticide Application Training – Agricultural Directorate, Ismailia

Aquaculture Training – Fish Research Center, Sharkia

SOFT SKILLS

Problem Solving • Teamwork • Effective Communication • Time Management • Adaptability • Leadership
• Team Supervision • Attention to Detail

LANGUAGES

Arabic: Native

English: Intermediate