

AHSAN AZHAR

Agriculture Engineer (Landscape & Irrigation)

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PROFESSIONAL SUMMARY:

- More than 5- Years of work experience at Pakistan in the field of Irrigation and Landscape.
- Designing and Installation of Irrigation and Landscape Projects in which feasibility, designing Water Management Systems including irrigation materials specification.
- Scheduling High Efficiency Irrigation system and execution of HEIS (eg: surface, sub-surface, Drip, Sprinkler, hose reel and central pivot) pest control management.
- Landscape designing by using designing software's like AutoCAD, Google Sketch Up and Realtime landscape
- Monitored the daily job allocations of staff at different sites, devise a resource plan to make sure that the projects were executed within the time allotted and cost constraints provided by the company.
- Preparation of progress reports on daily performance basis.

QUALIFICATION:

B.E. Agriculture Engineering

Sindh Agricultural University Tando Jam, Pakistan. (2013– 2017)

KEY COMPETENCIES

Project management: I can clearly communicate and discuss plans with clients, contractors, consultants and other engineers. Conduct periodical meetings with team to review site work progress, productivity and cost control. Ensuring safe work practices are adopted by technical team throughout the project.

Documentation: getting approval of project documentation including designs, work and material inspection requests, daily site timesheets, delivery notes and material movement.

Technical Skills:

- Crop Protection
- Sustainable Farming (Organic)
- Designing and evaluating of irrigation system
- Landscape designing and maintenance
- Organic Farming
- Strong understanding of the land and agricultural practices
- Strong communication & interpersonal skills
- Ability to work long hours, non-traditional hours, particularly during peak season.

IT Skills

MATLAB AutoCAD 2D, & 3D, Microsoft Office Suite: Word, Excel, PowerPoint.

WORK EXPERIENCE

Haji Sons International Pakistan

Sept 2020- October 2021

Zonal Manager

- Oversee all aspects of production, including but not limited to fertilizing, pruning, irrigation, spraying, ground maintenance, harvest, packing, storage, and logistics
- Develop and manage annual budget
- Use consultants to research and implement new agricultural/horticultural technologies
- Implement growing and quality standards
- Foster a positive and safe work environment with mentorship opportunities
- Navigate regional, federal and international regulations, and best practices
- Liaise with farm stakeholders and partners
- Consult with farmers, engineers, fellow scientists, and government agencies regarding best practices

Nov 2019- Aug 2020

Jaffer Agro Services Pvt Ltd Pakistan

Area Manager

- Carried out work as Agricultural Engineer in Drip Irrigation department.
- Prepare design feasibility of drip irrigation system with field survey.
- Prepare information regarding design, structure specifications, materials, equipment's of irrigation system.
- Supervision of Operational Irrigation Sites for after sales services.
- Creating awareness among farmers regarding drip irrigation system.
- Designing and installation of drip and sprinkler irrigation system.

Nov 2017- Oct 2019

Anchor Commodities Pvt Ltd Pakistan

Senior Area Manager

- Execution of Landscape and Irrigation System as per design.
- Demonstration of HEIS system and its advantages over flood irrigation to individual farmers and gathering.
- Joint visit with new clients (framers) to existing projects.
- Client dealing & Conduct survey for design feasibility
- Soil & Water Analysis.
- Design of Irrigation systems.
- Preparation of Bill of Quantities.
- Demarcation of land.
- Labor & Budget Management.
- Communication with consultants for design approvals.
- Installation of Drip & sprinkler Irrigation Systems.
- Commissioning of Installed system.
- Arrangements of material delivery and material verification.
- Extension of Irrigation systems.
- Maintenance of Irrigation systems.
- Resolving complaint issues regarding irrigation systems

Jan 2017- Feb 2017

Nara Canal Area Water Board Mirpurkhas

Intern

- Conducted a study under the supervision of Dr. Zaheer Ahmed Pathan (Lecturer at Sindh Agriculture University) on “Crops and Abeyana assessment of Photo minor distributary.”
- The aim of the study was to: analyze the crop wise cultivated area with respect to cropping season on Photo minor.
- Moreover, to assess the Abeyana collection and distribution

Jan 2014- March 2016

Darvesh Agriculture Farm Pakistan

Farm Manager

- Pest and disease identification and their control.
- IPM of Dates palm, fruit trees and other crops
- Date palm cultivation pre-harvesting and post-harvesting techniques
- Orchid's Care: (Date Palms and others)
- Planning of irrigation scheduling according to the plant water requirement and weather
- Planning and supervision of labor and overall ongoing activities at site
- Scheduling for pruning, cutting & fertilizer application to the soft landscape.
- Date trees full season techniques i-e From Nursery to yield
- Installation and maintenance of irrigation system
- Water sample testing like EC, TDS, pH and Salinity and Discharge measurement using Flow meter
- Supervision of workers, field assistants and farm staff

Protection Work:

- Field disease diagnosis.
- Selection of control measure by integrated pest management.
- Installation of pheromone and light trap installation for insect control.

MEMBERSHIP & REWARDS:

- Member Pakistan Engineering Council as a registered engineer (PEC Registration No. AGRI/06082).
- Best Performance Certificate Rewarded by Haji Sons International Pakistan.

LANGAUGE SKILLS:

- English Speaking, Writing, Listening
- Urdu Speaking, Writing, Listening

Licenses:

- UAE-Valid Manual Light Vehicle Driving License.

