

Avinash Devale

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### **PROFESSIONAL SYNOPSIS**

- An astute professional Agri. Engineer with nearly 6+years of experience having expertise in the areas of Irrigation, landscaping, farming and farm management, AUTO CAD, maintaining international safety standards in production of crops and packaging.
- Handling and Implementation of Various Landscaping Projects for Residential and Commercial Spaces in UAE.
- Expertise in Production of 25 plus vegetables and fruits under 1000 Ha farm by commitment to meeting the highest Safety Standards and Global Agricultural Practices.
- Managing Irrigation activities and effective utilization of strategies by using different tools like Central Control, Central Pivot, TORO system.
- Expertise in polyhouse farming and open field cultivation in service Operations/Quality Assurance.

### **CORE SKILLS**

- Irrigation,
- Landscaping, Execution,
- Irrigation systems like Central Control, Central Pivot, TORO system,
- AUTO CAD, QA/QC,
- Poly house and open field cultivation,
- Farm Automation.

### **SCHOLASTIC**

2018 - PG DIPLOMA- PGDAEM: Manage, Hyderabad, India

2015 - B-Tech (Agri.Engg): University of Agricultural Sciences, Raichur, India.

### **CAREER CONTOUR**

**Since "27<sup>th</sup> OCT 2020- July 30-2021. | Perfect Technical Works & Landscaping- Dubai (UAE)| - Landscape Irrigation Engineer**

#### **Responsibilities.**

1. Execution and implementation of automatic irrigation system of landscaping and recreation plots.
2. Engineering review and submissions (Shop drawing, material submittal, method statement etc.)
3. Preparing project closeout documents (O & M Manuals and As-Builts)
4. Handling other documentary works related to site such as preparing Check requests and getting approvals from Consultant for payment certificates.
5. Coordination and supervision with main/sub-contractors for various allied works and daily follow-up of their activities.
6. Understanding fully the requirements of the project including drawings, specifications, documentation, budget costs of materials, resources, typical productive outputs etc.
7. Raising Work Inspection Requests for completed landscaping works and liaising with Main Contractor/ Engineer for necessary approvals as per Contract Specifications / Project QA/QC plan.

8. Assisting the project or Operation manager in drawing up work program, resource plan for execution of works.

**1<sup>st</sup> Dec 2019- 25<sup>th</sup> OCT 2020 | L & W Construction Pvt Ltd, India | Irrigation Engineer**

**Responsibilities.**

1. Preparing landscape Irrigation system designs for different packages with centralized automation details and VFD pumping systems using AutoCAD software with detailed BOM's operational schedules, tender documents and specifications.
2. Coordinating with site team for better understanding and implementation of irrigation systems.
3. Set standards for selection and requisition of materials.
4. Finalizing BOQ's for projects and making cost effective solutions and proposals for intended projects.
5. Planning and supervising the landscape and irrigation installations to ensure compliance with working drawings and for timely completion of projects.

**14<sup>th</sup> AUG 2017 - 2<sup>nd</sup> July 2019 | Tawoos Agricultural Systems LLC. Muscat, Oman | Assistant Irrigation manager**

**Responsibilities.**

Work focussed on fruits and vegetables production and export of 25 major agricultural crops across Middle East, Europe and Asia.

1. Managing Irrigation activities in 500 Ha farm using **Central Control System**.
2. Managing and maintaining **Central Pivot** systems.
3. Fertigation and Maintaining the Chemical Management.
4. Green House, Poly House and For Open Field Fertigation and Irrigation given crops like - Peppers, Leafy vegetables- Green cabbage, Sweet Corn, Carrots, Beans, Potatoes, Melons.
5. Scheduling Irrigation, understanding the existing design of the farm, so that all areas get effective irrigation.
6. Effective utilization of TORO system - proper irrigation strategies for enhancing and protecting our ecosystems also it helps to help the environmental and economic benefits of water efficiency.
7. Daily Field scouting – Soil EC - level, Moisture level, PH – Level, based on Field condition daily Fertigation program is given over 500 Ha crops.

**27<sup>th</sup> AUG 2015 - 2 5<sup>th</sup> May 2017 | Aquascape Technologies Pvt, ltd. India | Project Engineer-Irrigation.**

**Responsibilities.**

1. Experienced in marketing Micro Irrigation components And Landscaping division in Hyderabad and Bangalore location.
2. Experienced in surveying fields for design of micro irrigation systems.
3. Designed many gravity-based drip irrigation systems in Hyderabad and Bangalore location.

**20<sup>th</sup> Mar 2015 - 11<sup>th</sup> July 2015 | Capricorn Food Products pvt. Ltd, India | Quality Assurance Specialist**

**Responsibilities.**

1. Good understanding on Agricultural manufactures Tropical Fruit Pulp / Purees and Concentrates, Bulk Frozen, IQF Fruits, Vegetables, and Fruit Juices as per customer requirements.

2. Provide advice on water quality and issues related to managing pollution.
3. Water testing (like hardness, Alkalinity, Chlorine, Brix, Acidity, pH etc.)
4. Creating reports and Presentation on a regular basis for project managers and clients.

### **Achievements in Professional Field**

1. Made the central control system in the farm, which was not being used and idle in the farm, to function effectively.
2. Made the irrigation effective by implementing some changes in the existing system.
3. Made the irrigation effective by implementing TORO system at work.

### **Computer Proficiency**

1. MS office
2. Basics of C programming
3. Basics of CAD

**Project work in Academic:** Studies on development of spectral signatures for important earth features

**Overview:** To get acquaintance with the working and operation of Multiband Ground truth Radiometer and to determine the most useful bands for target discrimination and to identify features based on spectral reflectance curves obtained using Multiband Ground truth Radiometer.

### **Training & Certification**

1. Intensive Training on Agricultural mechanization at Southern Region farm machinery Training and Testing Institute Tractor nagar, A.P (Gov. of India).

Study of Various systems/sub-assemblies, repair, maintenance and overhauling of single cylinder diesel engine and tractor Study, operation, adjustments and maintenance of various agricultural implements machine plant protection equipment's and irrigation pumps.

2. Completed a Course certified by the National Skill Development Corporation (NSDC) with the following details:

**Study:** Business Correspondent & Business facilitator Level 3

**Sector:** Banking and Financial Services

3. Certificate Course on Project Planning Management (PPM), Primavera 6.0, AutoCAD and Rivet MEP by Canter Cad India Pvt Ltd.
4. Completed an online training and certified for the all level of Product Technician courses and Specialist courses Hunter Product Specialist Program. By HUNTER INDUSTRIES, INC U.S.A.

**I hereby declare that the above information furnished by me is true to best of my knowledge and belief.**

(AVINASH DEVALE)