



# Shakir Ahmed Khan

## Landscape Irrigation Engineer

### CONTACT



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### PERSONAL DETAILS

Nationality : Indian  
Passport : V0898044  
Driving Licence : Bahrain Driving Licence

### CORE SKILLS

1. Proficient in using Hunter IMMS central computer irrigation system for automated irrigation management.
2. Expertise in designing, installing, and maintaining landscape irrigation systems for large-scale projects, including FIFA-compliant stadiums.
3. Expertise in indoor plant selection.
4. AUTO CAD, CAFM, MS OFFICE
5. Experience managing large landscaping projects, including highways, municipality gardens, royal palaces, and Defense Force projects.



### ACHIEVEMENTS & AWARDS

### PROFESSIONAL SUMMARY

Experienced Landscape Irrigation Engineer with 18 years of expertise, including 9 years in the Gulf region. Skilled in landscape design, Maintenance, Automatic irrigation systems, pest control management, and project management. Successfully led major projects such as FIFA World Cup Qatar infrastructure, Bahrain Defence Forces landscaping, highways, and royal palaces. Dedicated to delivering sustainable and cost-effective solutions.

### EXPERIENCE

**Landscape Irrigation Engineer Consultant** 2023 - Present

Greenland landscaping Nursery, India

1. Supervise landscape and irrigation projects from design to completion.
2. Prepare AutoCAD layouts and BOQs for landscape and irrigation systems.
3. Manage lawn care, tree pruning, pest control, and plant fertilization.
4. Conduct site inspections and ensure work meets project standards.

**Landscape Irrigation Engineer** 2021 - 2023

Mosanada Facilities Management, Qatar

**FIFA World Cup venues (Qatar 2022) FIFA Stadium**

1. Managed a team of 80+ staff to execute landscaping and irrigation operations at stadiums, training pitches, and golf courses.
2. Enforced compliance with FIFA standards for irrigation and landscaping maintenance.
3. Designed and managed landscaping and irrigation projects to FIFA standards.
4. Coordinate, contractors subcontractors, and suppliers to ensure timely delivery of materials and execution of landscape works
5. Review and approve shop drawings, material submittals, and samples related to landscape elements

Certificate of Appreciation – Awarded by the Technical Services Department of the Supreme Committee for Delivery & Legacy (SC) for valuable contributions to the successful delivery of the FIFA World Cup Qatar 2022.

FIFA World Cup Qatar 2022  
Landscaping and Irrigation Projects  
Advanced Irrigation Systems  
Implementation for FIFA Stadiums

## LANGUAGES

English Arabic Hindi Marathi

6. Provide technical guidance and support to construction teams and contractors regarding landscape installations
- 7..Conducts routine inspection of all soft landscape, irrigation ,Sport Facilities.
- 8.Assist in the preparation of as-built documentation and project closeout reports

### **Landscape Engineer**

2014 - 2018

Mariyam Garden Landscaping, Bahrain

- 1.Managed irrigation systems for large-scale military and royal projects including Khalifa Port, Mina Salman Naval Base, and BDF Headquarters.
- 2.Coordinated irrigation system installation, maintenance, and repair for extensive landscaping areas.
- 3.Developed water-saving irrigation strategies to reduce water consumption by up to 30%.
- 5.Conducted regular inspections reporting to ensure optimal system performance.
- 6.Trained and supervised a team of 40+ workers in irrigation system installation and maintenance.

### **Landscape Engineer**

2003 - 2006

Al Yamama company Riyadh, Saudi Arabia

- 1.Oversee the implementation of landscape designs, providing guidance and support to contractors and maintenance teams
2. Develop plans & schedules for landscape improvements.
- 3 Create detailed landscape drawings, including plans, sections, and elevation

### **Landscape Engineer**

2018 - 2021

Greenland Landscape Nursery India

- 1.Develop maintenance schedules and guidelines for plant care, including pruning, watering, fertilization, pest management.
- 2.Conduct periodic site visits to monitor plant health and recommend.

### **Horticulturist**

2006 - 2014

Thermal Power plant,Parli, India

- 1.Oversee and manage the daily site operations, including landscaping and road construction activities.
  - 2.Conduct site inspections to ensure quality control, safety standards, and adherence to project specifications.
  - 3.Managed the maintenance of plant species, ensuring their health and growth in 4.Challenging industrial environment.
- Developed and implemented irrigation .

## EDUCATION

**Bachelor of Agriculture Science – Marathwada  
Agriculture University, Parbhani, Maharashtra, India  
| Completed in 2001**

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**Diploma in Health, Safety, and Environmental  
Management – India | Completed in 2008**

## PROJECTS

**FIFA World Cup Qatar Projects Stadium Landscaping & Irrigation  
Maintenance, Sports Infrastructure & Training Facilities, Operations &  
Maintenance Projects**

Managed landscape irrigation maintenance for Al Janoub Stadium (7 ha), Al Bayt Stadium (75 ha), and Al Thumama Stadium (3 ha).

**Qatar National Convention Centre & Surrounding Landscape:** Design and maintenance of efficient irrigation systems to support diverse plant species in high-traffic areas.

**Bahrain Defense Forces Projects, Royal Palaces and Government  
Facilities: Infrastructure & Public Spaces:**

**Khalifa Port and Mina Salman Naval Base:** Design, installation, and maintenance of irrigation systems to support large-scale landscaping.

**Royal Palaces of Bahrain:** Ensured the efficient operation of irrigation systems for expansive palace gardens and surrounding landscapes.

**Bahrain Defense Forces Headquarters:** Provided maintenance of irrigation systems for the HQ's expansive grounds and outdoor areas.

**Municipal Landscaping Projects, Road Beautification  
Projects, Commercial & Industrial Projects**

Designed and implemented water-efficient irrigation systems for large garden landscapes. Saudi Road Beautification Projects (3 km & 2 km stretches): Managed irrigation installations for landscaped highways, ensuring consistent maintenance and water conservation.

## CERTIFICATION

1. Certificate Course in Computer Engineering (Auto CAD)
2. Design & Maintenance of Indoor Outdoor gardens by Institute of Architecture & Design