

## Contact

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## Top Skills

Remote Monitoring for Irrigation  
Water Management Systems  
Sustainable Water Resource  
Management

## Languages

Persian  
English

## Certifications

Licensed Member – Agriculture &  
Natural Resources Engineering  
Organization  
Certificate in Cropwat 8.0 Irrigation  
Software Application  
Ph.D. Comprehensive Exam –  
Irrigation and Drainage Engineering

# Sina BourBour

Water Management & Remote Irrigation Technology Consultant  
| Remote Agricultural Digital Transformation Expert | AI-driven  
Solutions in Agriculture & Cross-border E-commerce Strategies  
Tehran, Tehran Province, Iran

## Summary

As an Agricultural Technology Consultant, I specialize in smart irrigation systems, AI-driven agriculture, and sustainable water management. My work focuses on integrating innovative agritech solutions with digital transformation strategies to optimize resource efficiency and enhance crop performance.

With over a decade of experience in remote consulting and agricultural engineering, I have contributed to projects ranging from irrigation system design to climate-based modeling and data-driven farming practices. I combine technical expertise with sustainable approaches, helping clients implement digital farming solutions that improve both productivity and environmental outcomes.

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## Experience

Pars Arian Kavan Alborz Company  
Agricultural Technology Consultant | Remote Irrigation Technology  
Consultant (Remote)  
April 2025 - Present (6 months)  
Remote

Providing consulting services in water management, smart irrigation, and AI-powered digital farming solutions.

Enhancing efficiency of international agricultural projects through collaboration with global teams.

Supporting remote projects focused on sustainable agriculture and resource optimization.

Driving innovation in AI-assisted systems to improve water usage and crop performance.

Maintaining client relationships and contributing to the digital transformation of agriculture.

DIMAS FOOLAD SAMANE CO

### Agritech & Smart Irrigation Consultant.

April 2022 - April 2024 (2 years 1 month)

Remote / Tehran, Iran

Provided remote digital business consulting with over 6 years of experience in cross-border commerce, product sourcing, and digital operations.

Specialized in the integration of smart irrigation technologies and AI-driven agricultural solutions to optimize water usage and crop performance.

Advised clients in agricultural technology, focusing on sustainable practices, digital transformation, and remote collaboration strategies.

Helped agricultural businesses scale digitally, streamline operations, and adopt cutting-edge farming solutions.

Led projects on e-commerce strategies and supported digital business development for international B2B ventures.

### Freelance Consultant, Development & Business Planning

Remote Consulting Services (Independent)

February 2019 - March 2022 (3 years 2 months)

Remote

- Provided consulting on smart irrigation, precision agriculture, and sustainable water management for international and local clients.
- Delivered remote projects including feasibility studies, technical reports, and digital transformation strategies in agritech.
- Collaborated with cross-border teams to implement AI-assisted and IoT-based irrigation systems.
- Supported agricultural businesses in adopting data-driven solutions to improve efficiency and crop performance.

### Islamic Azad University (Qaemshahr Branch)

Agricultural Engineering Researcher & Consultant

January 2017 - August 2019 (2 years 8 months)

Tehran, Tehran Province, Iran

Conducted applied research in irrigation and drainage engineering, focusing on sustainable water resource management and climate-based modeling.

Participated in academic and industry-related projects to evaluate the integration of smart irrigation systems and data-driven farming practices.

Provided consultancy support for local agricultural initiatives, contributing technical expertise in water management and soil-water data analysis.

#### Ab Raneh Consulting Engineers Co.

Project Engineer & Consultant Engineer – Ab Raneh Consulting Engineers Co

September 2013 - August 2017 (4 years)

Iran

Provided engineering consultancy and project management for large-scale irrigation and water resource management projects.

Specialized in the design and implementation of sustainable water systems for agricultural and urban environments.

Optimized water usage and reduced waste through advanced irrigation methods.

Conducted data analysis and environmental assessments to improve water efficiency and crop performance.

Collaborated with technical teams to ensure that irrigation and water management systems aligned with sustainable agricultural practices.

#### Behin Beton Consulting Engineers Co

Engineering Consultant – Behin Beton Consulting Engineers Co.

November 2011 - April 2013 (1 year 6 months)

Iran

Delivered engineering consultancy and project management services for irrigation and water resource projects.

Contributed to the design and implementation of sustainable irrigation systems to optimize water distribution and reduce waste.

Supported project execution by conducting technical studies, site inspections, and feasibility assessments.

Collaborated with local engineering teams to ensure project compliance with environmental and sustainability standards.

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## Education

#### Islamic Azad University

Master of Science (M.Sc.), Irrigation and drainage Engineering · (2014 - 2016)

#### Islamic Azad University

Bachelor of Science (B.Sc.), Water Engineering · (2006 - 2010)

Islamic Azad University

Doctor of Philosophy (Ph.D.) – Candidate, Water Science & Engineering -  
Irrigation and Drainage Engineering · (2016)