

# RESUME

MD AJAZ ALAM

M.TECH. (SWC)

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## RESUME HEADLINE

4+ years of Irrigation Engineering experience together with M.Tech. Agriculture (SWC) Degree from recognized institute (SHUATS Allahabad). Experienced in providing engineering design services, project management of irrigation infrastructure and Solid knowledge of hydraulic modelling, DPR preparation, etc. Ability to use engineering principles to solve complex, practical problems and help maintain a balance between the environment, the use of water, and the regulatory obligations for industry, government agencies, and the public.

A resourceful and result-oriented team player with integrity, professionalism and personal presence that earn respect and inspire cooperation. Possess excellent communication, interpersonal and decision making skills together with a positive approach to problem solving.

## PROFESSIONAL AREAS OF INTERESTS

Provide engineering, design, MIS & LIS design (By Gravity & by Pumping), project management, and construction support on a variety of projects in the field of Irrigation and Water Supply System.

## ACADEMIC PROFILE

2017:

M.TECH. (Soil Water Conservation Engineering)

**Sam Higginbottom University Of Agriculture Tech. & Sciences, Allahabad (U.P)**

Grade: CGPA.-9.62

2015:

B.Tech. (Water Resources Engineering)

**Sam Higginbottom University Of Agriculture Tech. & Sciences, Allahabad (U.P)**

Grade: CGPA.-7.64

## SOFTWARES & OTHER RELEVANT SKILLS

Photoshop

AutoCAD

Neuro Solution

## ACTIVITIES PERFORMED TILL

- Preparing **command map** for entire command area using latest satellite image
- **Data Collection** & Gathering the Information about the existing irrigation network, Service Reservoir details, pumping details from concern persons or engineers.
- Collection of existing irrigation system data i.e. of canal command and conversion of canal scheme into Pipe Distribution network.
- Preparing **Zones** of command depends on contour and blocks as per requirement of Project. Redesign of **pipe distribution network if any**.
- **Detailed Drawings** of Distribution & Transmission system, showing various types of valves, Flow meter, Pressure Transmitter, Crossing structures required at critical crossing locations.
- Site Plans, Base map indicating all the major operating components related to Water supply, Standard Drawings for various allied structures.
- Finalizing the Detailed Project Reports (DPR), Detailed Engineering Reports (DER) and delivering the output based on the requirement of the client & up to their satisfaction.

## EMPLOYMENT RECORD

- 1) Premier Irrigation Adritec Pvt. Ltd –Working as a Design Engineer.  
Responsible for Community Irrigation, Overseas MIS design project.  
Design Engineer, From January 2020 continued  
Location : Gaya (Bihar)  
Position Held : Design Engineer
- 2) Jain Irrigation Systems Ltd. –  
Senior Executive, [From June 2016 to May 2017]  
Location : Jalgaon (Maharashtra)  
Position Held : Senior Executive
- 3) Jain Irrigation Systems Ltd. –  
Senior Executive, [From May 2015 to July 2016]  
Location : Banaskantha (Gujarat)  
Position Held : Senior Executive (GGRC Project)

**Total Experience: 4.0 years of experience in Irrigation works.**

### Key Skills:-

- Design of Micro-Irrigation Systems: Inline, Online and Sprinkler System.
- Design of Landscape Irrigation Systems.
- Design of Lift Irrigation Schemes.
- Irrigation Project Peak water requirement calculation using modified Penman method depending on cropping pattern and water budget calculation.
- Design Irrigation scheme in allocated water availability.
- Replacement of canal by Pipe network for improvement of water use efficiencies.
- GPS survey and L section preparations for submission as well as for installation.

### MIS Project Executions:-

- Lyfresh Pvt Ltd and Crown horticulture Pvt. Ltd. Sangli  
Site Location: - Gursale, Natepute, Solapur [Area: - (1100 Acre)]
- Jawahar Pani Purvath Sanstha, Talandge  
Site Location: Talandge, Hatkanagle, Kolhapur [Area: - (460 Acre)]

## PROFESSIONAL WORK EXPERIENCE :-

<b>Name Of Assignment or Project</b>	<b>Gujrat Green Revolution Company</b>
<b>Position Held</b>	Senior Executive
<b>Location</b>	Gujarat
<b>Total Estimated Capital Cost</b>	<b>Rs. 100 Crore, Project Area; 800 Ha.</b>
<b>Main Project Features</b>	The Main goal of the project is to supply the water to the farmer for irrigation purpose. For reduction of water losses through canal network.
<b>Name Of Assignment or Project</b>	<b>Gujarat Green Revolution Company, Banaskantha.</b>
<b>Position Held</b>	Senior Executive
<b>Location</b>	Gujarat

<b>Name Of Assignment or Project</b>	<b>Bhadli Minor Canal Project, Jalgaon.</b>
<b>Position Held</b>	Design Engineer
<b>Location</b>	Jalgaon
<b>Total Estimated Capital Cost</b>	<b>Rs 300 Crore, Project Area; 650Ha.</b>
<b>Main Project Features</b>	Goal of this project is to supply of water to the farmer though gravity pipe distribution network. Installation of drip irrigation system to each and every farmer. Design of rising main with HDPE pipe of (1600 mm) And Design of Sub block with PVC Pipe. Design and preparation of project report for government tender of Pipe distribution network and lift irrigation with details of Pipe quantity, excavation work, Civil work, and electrical work.
<b>Name Of Assignment or Project</b>	<b>Kundalika Pipe Distribution Project, Beed</b>
<b>Position Held</b>	Design Engineer
<b>Location</b>	Jalgaon
<b>Total Estimated Capital Cost</b>	<b>Rs 189 Crore, Project Area; 4720 Ha.</b>
<b>Main Project Features</b>	Goal of this project is to supply of water to the farmer though pipe distribution network. Installation of drip irrigation system to each and every farmer.

<b>Name Of Assignment or Project</b>	<b>Mahadhan Farm Technologies Pvt Ltd</b>
<b>Position Held</b>	Project Engineer
<b>Location</b>	Natepute, District - Solapur
<b>Total Estimated Capital Cost</b>	<b>Rs 3.5 Crore, Project Area; 48.5 Ha.</b>
<b>Main Project Features</b>	Installation of Fully Automozed Micro irrigation Systems for Pomegranate and Banana

**PERSONAL DETAILS**

Permanent address	Santunagar Ward No-02, P.O/P.S- Madhubani
	District - Madhubani , Bihar, Pin code - 847211
Current address	House No – 54 Bhusanda More
	Gaya, Bihar, Pin Code - 823001
Date of Birth	: 20 Sept., 1993
Marital Status	: Single
Languages Known	: English, Hindi, Urdu, Maithili, Bhojpuri

**DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: 24<sup>th</sup> Jan 2022

Place: Gaya (Bihar)

Md Ajaz Alam

