



Curriculum Vitae

(Agriculture / Irrigation
Engineer)

PERSONAL INFORMATION

Surname	Hussain
Name	Ghulam Hussain
Place of Birth	United Arab Emirates
Address	P#5 Street 1 Mustafabad Sargodha road Faisalabad (38000), Punjab, Pakistan
Telephone / WhatsApp	+923124207107 / +923058009111
E-Mail	hghulam87@gmail.com
Date of Birth	11.05.1994
Gander	Male
Religion	Islam
Marital Status	Single

WORK EXPERIENCE

Date (From – To)	November 2016 – february 2017 (Internship)
Name and address of firm	WASA Chokera Plant
Type of Business or Sector	Govt Sector
Type of Employment	Full Time
Designation	Assistant Engineer (Technical)
Main Activities and Responsibilities	Day to day monitoring of sewage disposal System Checking water quality parameters after treatment Small scale alternative for treatment of untreated water Distribute mail and interoffice memoranda
Date (From – To)	August 2017 To Till Date
Name and Address of Firm	Jaffer Agro Services Pvt Limited, Karachi
Type of Business or Sector	Govt. Contractor & Supply and Services company (Private)
Type of Employment	Full Time
Designation	Area Manager HEIS and Solar projects (Sargodha and MB Din)
Main Activities and Responsibilities	Responsible for contributing to the HEIS (High Efficiency Irrigation System) project processes from Sales and demand generation of HEIS Technology up to the ultimate farmer yield success, from this system along with optimizing the Agronomical practices to harvest the benefits of Drip Irrigation Systems. Plans, designs, and oversees construction of irrigation projects for transporting and distributing water to agricultural lands. Work with Agronomist for Providing Agronomical support to farmers and Nursery owners regarding Uprooting hedge/Plant, pruning, New

	<p>Plantation selection and caring of grass for hazing and landscape projects, Preparation of vegetables beds during season for tunnel plantation. Also, supervision of green house and Hydroponic Projects. Preparing fertigation and irrigation schedules for different crops and nurseries and also chart for pre-controlling pest and plant diseases. Installation and supervision of latest agricultural practices which involve central pivot Irrigation, Automated fertigation and Irrigation system both time and volume based. Contribute to proposals and projects for solar resource assessments, energy production estimates, performance assessments of operating projects, performance testing, feasibility studies, new technology evaluation, component modeling, conceptual design, and strategic planning Provide on-site support for solar PV system commissioning, troubleshooting, power quality site analysis and operations & maintenance Reviews proposed irrigation and water feature systems and materials for local compliance, quality and suitability to local conditions including Solar Projects or Farm Irrigation. QA/QC design deliverables for completeness, utilities coordination, clash analysis and constructability Responsible, in conjunction with water network engineers, to review designs and calculations for all irrigation and recycled water systems. Creating a strong relationship between client and organization to ultimately perform a good sale and achieve higher sales Target.</p>

EDUCATION AND TRAINING

M.SC. (HONS.) 18 YEAR	On going
Principal Subject	Water Resource Engineering
Research Work	Automation of DC motor for fertigation using GSM module
Occupational Skills Covered	Best Water Management Practices, High Efficiency Irrigation Systems, Groundwater and Pumping Technologies, Hydrology and Watershed Management, Hydraulic Control Structure, Drainage Engineering and Water Quality, Use of Spatial Technologies for Water Resources Studies, Climate Change
Duration of The Program	2 Years
Date (From – To)	2017- Till date
Name of Department and Institute	Department of Irrigation and Drainage, Faculty of Agricultural Engineering & Technology, University of Agriculture Faisalabad, Pakistan.
B.SC. (HONS.) 16 YEAR	
Principal Subject	Agricultural Engineering
Research Focus or Interest	Structures & Environmental Engineering
Occupational Skills Covered	Professional Ethics, Communication and Presentation Skills, Farm Irrigation Systems, Water resource management, Irrigation Engineering, Surveying and levelling, Open channel hydraulics, Industrial Engineering and Management, Engineering Economics and Management, Project

	Planning and Management, Energy Resources and Management, Quantity Survey and Cost Estimation, Manufacturing Engineering, Industrial Chemistry, Boiler Engineering and Power Plants, Engineering Drawings and Graphics, Computer Aided Design.
Duration of The Program of Study	4 Years
Date (From – To)	2013-2017
Name of Department And Institute	Faculty of Agricultural Engineering & Technology, University of Agriculture Faisalabad, Pakistan
INTERMEDIATE	
Principal Subject	F. Sc Pre Engineering
Duration of The Program	2 Years
Date (From – To)	2010-2012
Name of Institute	Govt Crescent College of Science for Boys Faisalabad

Trainings/Project/Scholarship

Name of Activity	Training Workshop on Solar System Installation and Applications
Organizing Body/Venue	Department of Physics, University of Agriculture Faisalabad, Pakistan
Description	Attend Two Days Workshop 24-25 February 2017 Held in Department of Physics, University of Agriculture Faisalabad, on Solar System Installation and Applications. That workshop gave theoretical as well as practical knowledge of solar system installation and its applications.
Name of Activity	Project Competition in Sustainable Development and Environmental Conservation Expo
Organizing Body/Venue	Government of Pakistan, Ministry of Climate Change
Description	Participate in one Day Project Competition in Sustainable Development and Environmental Conservation held at Pak-China Friendship Center Islamabad, Pakistan. got 2nd Position in that Project Competition.
Name of Activity	15 Days Survey Camp 2016
Date	20/07/2016 – 3/08/2016
Organizing Body/Venue	Department of Structures and Environmental Engineering, University of Agriculture Faisalabad Pakistan
Description	Participate in 15 days survey camp in which practically surveying and leveling was done. Deep understanding of surveying and leveling carried out in that camp.
Name of Activity	2nd Annual Poster Competition on World Water Day 2018
Organizing Body/Venue	Center for Climate Research and Development. Pakistan Council of Research in Water Resources (PCRWR) Headquarters, Islamabad
Description	Presentation on Project, Poster Demonstration, Awareness Campaign
Professional Seminars and Workshops	
Name of Activity	International Seminar on Sustainable Energy Solutions (CPD)

Name of Activity	Attended Workshop on Time Management and Project Planning
Name of Activity	Attended Workshop on Effective Communication Skills
Name of Activity	Workshop on Personal Branding by Baseer Sami.
Name of Activity	One Day Seminar on Pakistan Water resources.

PERSONAL SKILLS AND COMPETENCES

Mother Tongue	Urdu And Punjabi
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OTHER LANGUAGE(S)	English	Chinese
• Reading	Excellent (C1 Level)	Basic (HSK1 Level)
• Writing	Excellent (C1 Level)	Basic (HSK1 Level)
• Speaking	Excellent (C1 Level)	Basic (HSK1 Level)

Professional Achievements

	Special Award for Top Sales in country from Jaffer Group
	Ranked 1st in Annual Appraisal session as top Appraisee in group
	Ranked 2nd Among top 6 Qualifiers in Jaffer Group for Foreign trip to Baku 2019
	Ranked 3rd Among top 6 Qualifiers in Jaffer Group for Annual Trip to Skardu 2018
	Got Star Performer Award at the Workshop of “Personal Branding”

SOCIAL SKILLS AND COMPETENCES

	<p>Able to manage change and adept in coalition building.</p> <p>Understands creative processes.</p> <p>Able to gather and synthesize information from internal and external environment.</p> <p>Understands variety of approaches for decision making</p> <p>Effective in public presentations</p> <p>Effective Communication</p> <p>Marketing Strategy</p> <p>Negotiation</p> <p>Relationship Building</p> <p>Initiation</p> <p>Sales</p> <p>Process Improvement</p> <p>Time Management</p> <p>Decision Making</p>
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TECHNICAL SKILLS AND COMPETENCES

	<p>Microsoft Office 2013 (Word, Excel, Power point, Publisher)</p> <p>Auto CAD, SAS, Real Time Architecture, Arc GIS 10.0</p>
MEMBERSHIP	Member of “ Pakistan Engineering Council (PEC) ” with Registrat