

# Hashim Hasnain Hadi

House No.238, Street Mughal Tent Service, Amir Town Sargodha Road Jhang, Pakistan

[hashimhasnainhadi@gmail.com](mailto:hashimhasnainhadi@gmail.com)

Contact no. +92-334-4417666



**Hardworking**

**Dependable**

**Enthusiastic**

## MY OBJECTIVE

To work at a challenging position where I can excel in profession, grow in career and contribute my skills to achieve the objectives of organization.

## PROFILE

Highly motivated, creative and versatile with an excellent academic background and a willingness to learn emerging technologies. Sound knowledge of latest technologies and trends. An effective team player with the ability to work independently in a demanding environment. Also having strong interpersonal, communication and decision-making skills.

## ACADEMICS

|                      |   |
|----------------------|---|
| <b>Bachelors</b>     | <b>BALUCHISTAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KHUZDAR.</b><br><i>Bachelor of Engineering (Mechanical)</i> <ul style="list-style-type: none"><li>From February 2014 to January 2018</li><li>Secured 3.95 CGPA (Silver Medalist)</li></ul> |
| <b>Intermediate</b>  | <b>SUPERIOR COLLEGE JHANG, JHANG</b> <ul style="list-style-type: none"><li>H.S.C Pre-Engineering, Faisalabad Board</li><li>Secured 75.73%</li></ul>   |
| <b>Matriculation</b> | <b>CHENAB COLLEGE JHANG, JHANG</b> <ul style="list-style-type: none"><li>S.S.C Science, Faisalabad Board</li><li>Secured 82.70%</li></ul>   |

## PROFESSIONAL EXPERIENCE

|                     |  |
|---------------------|--|
| <b>July 2016</b>    | <b>PEL FACTORY, LAHORE</b><br><br><i>One month internship in Pak Elektron Limited Lahore.</i> <ul style="list-style-type: none"><li>Observed manufacturing processes of Fridge, Deep Freezer and Split A.C</li><li>Time study of assembly line.</li><li>Improved the productivity in summers 2016 by 6%.</li></ul> |
| <b>January 2016</b> | <b>SHAKARGANJ LIMITED</b><br><br><i>One month internship in Shakarganj Limited.</i> <ul style="list-style-type: none"><li>Observed production processes of sugar, alcohol, bio fertilizer and biogas.</li></ul>  |

- Operation and maintenance of 4 boilers.
- Performed maintenance of the boilers during shutdown.

## RESEARCH EXPERIENCE

---

### PEER REVIEWED CONFERENCE PAPER

[1] **H. H. Hadi**, I. Khan, G. Sarwar, M. Mushtaque, S. Khan and S. Iqbal, "Comparative Analysis of Glass Fiber Sheet and Crepe Paper for a Wick Type Floating Solar Still," IMSES 2017 3<sup>rd</sup> National Conference on Intelligent Manufacturing and Sustainable Energy Systems, Khairpur, Pakistan, December 6, 2017.

## PROJECTS

---

Carried out many diversified Mechanical Design Projects.

- **Final Year Project: Design and Fabrication of a Low Cost Solar Water Desalination Plant for Coastal and Remote Areas**

Carried out mathematical modelling, design calculations, drafting of desalination plant layouts on AutoCAD, selection of locally available low cost materials for fabrication, testing of various wick materials for water absorption, testing of plant in seawater and muddy water, quality testing of output water samples.

Presented our project to Mr. Habibullah Nasir, Deputy Director, HEC Regional Centre Quetta, Engr. Sadaqat Ali Khan (Dy. Registrar), Pakistan Engineering Council Regional Office Quetta and local vendors in HEC (15 years celebration) project exhibition and selected for national level competition.

- **Mini Project: Fabrication of a Multi-source Portable Refrigerator**

Fabrication of a Multi-source Portable Refrigerator using Peltier device and a cooling fan and designing of vaccine chamber in which maximum number of 300 vaccines may be preserved.

Different sources are

- 1) AC 220V
- 2) DC 12V
- 3) Lighter terminals of automobiles.

## TECHNICAL CERTIFICATION

---

- Certified in AutoCAD 2006 by *Autodesk*
- Certified in POWERSHAPE by *Wildfire*
- Certified in POWERMILL by *Wildfire*
- Certified in MICROSOFT OFFICE by *Microsoft*

## SKILLS AND ACTIVITIES

---

### COMPUTATION AND MODELING SKILLS:

- Power Shape Wild fire 4.0
- Auto CAD 2006
- Power Mill Wild fire 4.0
- MS Project & MS Office

**COMMUNICATION SKILLS:**

- Fluent in spoken and written English, Punjabi, Saraiki and Urdu.

**PERSONAL**

---

|                 |                               |
|-----------------|-------------------------------|
| Father's Name:  | Muhammad Yaqoob Zafar         |
| Date of Birth:  | 1 <sup>st</sup> October, 1991 |
| Gender:         | Male                          |
| Place of Birth: | Jhang, Punjab, Pakistan       |
| Nationality:    | Pakistani                     |
| Marital Status: | Un-married                    |
| CNIC No.        | 33202-7216226-7               |

**REFERENCES**

---

**ENGR. MUHAMMAD MUSHTAQUE**

Assistant Professor

Department of Mechanical Engineering

Baluchistan University of Engineering & Technology, Khuzdar

Cell #: +923013451035

Email: [mushtaquerajput@buetk.edu.pk](mailto:mushtaquerajput@buetk.edu.pk)

**DR. ZAIB ALI**

Assistant Professor

Department of Mechanical Engineering

SMME

National University of Sciences and Technology (NUST)

H-12, Islamabad

Tel: +925190856056

Email: [zaib.ali@smme.nust.edu.pk](mailto:zaib.ali@smme.nust.edu.pk)