

## MUHAMMAD UMAR

S/o MAZHAR JAVAID

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26-F/15 26 Area POF Wah Cantt Pakistan



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MECH/26441



### CAREER OBJECTIVE:

A highly motivated individual with "Can do attitude" complete dedication and commitment to my work with professional knowledge in Mechanical Engineering & to work with a reputable organization who acknowledges performance give reward for hard work and loyalty with organization.

### EXPERIENCE:

#### 1). Site Engineer

10-07-2016 to 10-09-2018

**Fauji Cement Company Limited Jhang Bhatar Pakistan**

##### Description:

I work as Site Engineer in Mechanical Department of FCCL. Working on **Raw Mill (Roller Mill Dorel)**. Actively participates in analysis of changing of **Taper Roller Bearing**. Work with Subcontractor (**Fabcon Engineering**) and coordinate with the team on site (**Lahore Orange Line Project & Multan Metro Bus Project**). Work with **MECHON Group on Project of Rehabilitation of FCCL Plant**. Also participated actively in analysis of changing the Bucket elevator and types of accumulator.

#### 2). Project Engineer

25-11-2015 to 10-07-2016

**FABCON Design and Engineering, Lahore Pakistan**

##### Description:

I worked as Project Engineer with FABCON Company Lahore. My job responsibility is to Supervisor the team and Coordinate with Sub-Contractor AL-MANSOOR Pvt.

#### 3). Assistant Manager (Maintenance)

26-05-2015 to 25-11-2015

**WAH NOBEL GROUP OF COMPANIES Wah Cantt Pakistan**

##### Description:

I worked as Assistant Manager Maintenance in WAH NOBEL GROUP OF COMPANIES. MY job responsibility is to operate and maintain **Kneading machine, Rolex Machine**. Manage and coordination among the staff and technician.

#### 4). Internee Engineer (Mechanical)

02-02-2015 to 17-03-2015

**FECTO Cement LTD Islamabad Pakistan**

##### Description:

I worked as Internee Engineer in **FECTO Cement LTD Islamabad**. I have learnt Process Layout of Production Industries, Implementation and Applications of Cement Plant.

#### 5). Trainee Engineer

06-07-2012 to 15-08-2012

**Pakistan Ordinance Factories Wah Cantt Pakistan.**

##### Description:

I worked as a Trainee Engineer in Pakistan ordinance factories Wah cantt Pakistan. Here i worked in different section and done the training and studied about different system that have been installed and working from the birth of the Pakistan Ordinance Factories WahCantt. I analyze the production of many products and items that are made through the system. The departments where i have been working are mentioned below.

- Small Arms Ammunition Factory
- Brass Mill Factory

- Medium Artillery Ammunition Factory
- Power House, Instrument & Electronics sections.

#### ACADEMIC QUALIFICATION:

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<b>BS (Mechanical Engineering)</b>	<b>2009-2013</b>	<b>72%</b>
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**HITEC UNIVERSITY, TAXILA CANTT, PAKISTAN**

<b>HSSC (PRE-ENGINEERING)</b>	<b>2006-2009</b>	<b>60%</b>
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**SIR SYED COLLEGE FOR MEN, WAHCANTT, PAKISTAN**

<b>SSC (MATRIC)</b>	<b>1996-2006</b>	<b>70%</b>
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**POF MODEL HIGH SCHOOL, WAHCANTT, PAKISTAN**

#### FINAL YEAR PROJECT:

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My project was concerned with study and implementation of purification of biogas to make it suitable to run an IC engine. This is a Research based project. Although biogas is a impure gas. It contains 60% methane, 30% carbon dioxide, 5% hydrogen sulphide and 5% of water vapors. Our objective is to remove the acidic gases and get only methane which is a natural gas. And this gas can be compressed and then used as a fuel e.g. cng and also used for cooking and heating purposes.

#### TECHNICAL SKILLS:

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- **ANSYS**
- **MASTERCAM**
- **CNC SIMULATOR**
- **Matlab®**
- **Creo®**
- **MS Word®**
- **AutoCAD®**
- **CNC Programing (CNC Lathe and CNC Milling).**
- **MS Power Point**
- **MS Excel**

#### ACHIEVEMENTS:

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- Participated in **1<sup>th</sup> International Mechanical Engineering Convection 2012** Hosted by ASME GIKI Chapter at GIK Institute Pakistan (**HPVC COMPETITION**) (OVERALL 4TH POSITION).
- Participated in **1<sup>th</sup> Renewable Energy Show Event 2013** at Hitec University Taxila Cantt Pakistan (**Project Competition**).
- Participated in Engineering project competition held at PAK CHINA Friendship Center, Islamabad on 30<sup>th</sup> MAY, 2013 Organize by Express news and Event by Mass Comm Solutions (1ST POSITION)

#### REFERENCES:

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Available on request

