



AQEEL AHMAD

MECHANICAL ENGINEER

OBJECTIV:

Highly motivated individual seeking a role as a mechanical engineer within a fast-paced organization that puts an emphasis on excellence and hard work. A team player who communicates effectively, encourages others, and can assist others with the latest procedures.

EDUCATION:

Lahore, PK Oct 2018 – Aug 2022	B.Sc. (Mechanical Engineering) University of Engineering and Technology, Lahore CGPA (3.57/4.00)
Sargodha, PK May 2015 – July 2017	DAE (Mechanical) Hira Polytechnique college, Sargodha Percentage (91%) A+

INTERPERSONAL SKILLS:

Leadership	Self Confidence	Work Ethic	Showing Appreciation
Collaboration	Positive Attitude	Public Speaking	Team Work
Problem Solving	Good Listener	Time & Relationship Management	

WORK EXPERIENCE:

Sheikhupura, Pk April 2024 ---Nov 2024	<u>Pakistan Spring & Engineering (Pvt.) Limited</u> <i>Mechanical Design Engineer</i> <ul style="list-style-type: none"> Designed springs, motorcycle spindles, and exhaust cylinders using AutoCAD and SolidWorks, ensuring compliance with specifications and safety standards and engaged in model making and product development. Conducted cost analysis for manufacturing processes, optimizing costs while maintaining quality and efficiency. Prepared progress reports and optimized designs with geometric dimensioning and tolerancing.
Sargodha, Pk Dec 2022 --- Jan 2024	<u>Saad Plastic Industries</u> <i>Production & HVAC Supervisor rotating equipment</i> <ul style="list-style-type: none"> MEP engineering and Cad Drawing, ensuring compliance with industry standards and regulations. Diagnosed and resolved complex technical issues, minimizing downtime. Led multidisciplinary teams in MEP coordination for large-scale construction projects. customized HVAC solutions tailored to client needs and project specifications. Resolved complex MEP and HVAC-related challenges to maintain project timelines and budgets.
Faisalabad, Pk Sep 2022 – Dec 2022	<u>Inam Engineering Ltd</u> <i>Internship</i> <ul style="list-style-type: none"> Deep Understanding about HVAC & FIRE FIGHTING SYSTEM, Boilers, Chillers, Pumping Station & Cooling Towers, AHU, FCU, Ducting, Insulation & Firefighting system.

PERSONAL INFO

Address:
Manfoha, Riyadh, Saudi Arabia

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Email:
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SOFT SKILLS

2D CAD Drawing

3D Modeling (Design)

Adobe Photoshop

SolidWorks (Design, Simulation)

Ansys

Auto CAD

Auto Rivet

CNC Programming (Basic)

Engineering Drawing

MS Office (Word, Excel, Power Point)

Primavera P6

Power BI

TECHNICAL SKILLS

- ❖ Lathe Machine Operator
- ❖ Milling & Drill Machine Operator
- ❖ Grinding Machine Operator
- ❖ CNC Turning Center Operator
- ❖ Production Planning and Control
- ❖ Measurements & Inspection of Engineering Parts
- ❖ Line Balancing and Bottle Neck Mitigation.

HVAC SKILLS

- ❖ Troubleshooting & Diagnostics
- ❖ Facilities Management
- ❖ HVAC Safety Standard and Protocols
- ❖ Quality Control Analysis (QC)
- ❖ Recordkeeping & Progress Report
- ❖ Project Organization
- ❖ Quality Assurance (QA)
- ❖ 5 S, Kizan, Root Cause Analysis

LANGUAGE

English



Urdu



Punjabi



INTERESTS

- ❖ 3D MODELING.
- ❖ Design and Analysis.
- ❖ BOOKS READING.
- ❖ CRICKET.

Sheikhupura, Pk
Aug 2021 – Sep 2021

- INSPECTION, TESTING & PRE-COMMISSIONING, MECHANICAL TESTING VISUAL INSPECTION & MATERIAL INSPECTION AS PER SPECIFICATION, WELDING INSPECTION & PAINTING & COATING INSPECTION.

ICE BURG INDUSTRY

Internship (WHRS of Atlas Honda)

- Knowledge about maintaining systems in good operation condition and evaluating for optimal efficiency.
- Completed preventative and reparative maintenance on Chillers, Air conditioners, plumbing and electrical building systems.
- Diagnosed equipment problems and determined what method should be used to restore functionality.
- Cleaned sheet metal ducts, evaporator coils, Boiler Safety drip pans, axial and Centrifugal fans and capacitor-start and resistance-start motors.

Mughal Pura Lahore, PK
Jan 2021 – Feb 2021

PAKISTAN RAILWAY, WORKSHOP DIVISION

Internship

- Govt. Sector institution providing repair and automation services for railway locomotives and wagons.
- Machining: Machined different spare parts of railway locomotives with accuracy.
- Manufacturing: Practiced the fabrication and testing of more than twenty heavy springs per day for one week.
- Diesel Section: Engineered 2 main parts of engines of railway locomotives.
- Foundry & Manufacturing: Achieved practical knowledge regarding Foundry works & visualized all foundry operations

Sargodha, PK
Aug 2012 – April 2014

Nayyab Al-Fazal Printing Press

Data coordinator & Documentation Management

- Ensured the security and accessibility of documents.
- Worked with great attention to detail and accuracy to ensure error-free records.
- Demonstrated strong organizational and analytical skills.
- Adapted quickly to new systems and processes.
- Showed commitment to quality work and accuracy.
- Contributed to the success of the company's operations.
- Maintained accurate records of various documents and data entry in the database.

CERTIFICATION:

April -- 2020

Basic Inspection Methods (CWB Education) (online)

May -- 2020

Six sigma Yellow Belt (6 sigma study) (online)

May -- 2021

Solid Works Certified Master Course (CSWA)

REFERENCE:

Reference will be provided based upon request.