

# ABDUL MONHIM

## MECHANICAL ENGINEER

### CONTACT

- +92 327 5691121
- abdulmonhim.01@gmail.com
- Sixth Road Rawalpindi

### EDUCATION

- 2019 - 2023  
INTERNATIONAL ISLAMIC  
UNIVERSITY ISLAMABAD
  - Bachelor of Science in  
Mechanical Engineering
- 2015 - 2017  
RAWALPINDI COLLEGE OF  
COMMERCE & SCIENCES
  - Pre-Engineering

### SKILLS

- Project Management
- Problem Solving
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

### LANGUAGES

- Urdu (Native)
- English (Fluent)
- Arabic (Basic)

### PROFILE

As a Mechanical Engineer, I am adapted to problem-solving, project management, and teamwork. My technical background, leadership qualities, and communication skills make me a valuable asset in a growing and dynamic Organization, where I can fully exploit my potential to effectively contribute to the optimal growth of the organization as well as enhance my technical, managerial, and communication skills, to harness the necessary skills in starting my professional career.

### WORK EXPERIENCE

- Attock Refinery Limited** AUG 2022 - SEP 2022  
Internee Engineer
  - Assisted senior engineers in various mechanical maintenance tasks and participated in troubleshooting and resolving equipment issues.
  - Observed power plant inspections, learning about different plant operations and maintenance procedures.
  - Observed and learned heat exchanger cleaning procedures, gaining insight into efficient maintenance practices.

### PROJECT

- Design and fabrication of zero head turbine** 2022 - 2023  
Final Year project
  - Design turbine using CAD software for precise modeling.
  - Analyse performance through simulation to optimize turbine efficiency.
  - Fabricate rotor using 3D printing for precise specification.
  - Experiment in open channel flow to validate real-world performance

### ENGINEERING SKILLS

- SOLIDWORKS & Fusion 360
- ANSYS (Fluent, CFX)
- MATLAB & Python
- Computational Fluid Dynamics
- Finite Element Analysis
- Safety & Risk Assessment
- Technical Report Writing
- Material Selection & Analysis