



MAHTAB ALI

Nationality: Pakistani **Date of birth:** 01/04/2003 **Gender:** Male

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ABOUT ME

A highly motivated Mechanical Engineer, I am committed to delivering innovative mechanical solutions that drive efficiency, reliability, and sustainability. I aspire to contribute my technical expertise and problem-solving skills to advance the goals of forward-thinking organizations. I am dedicated to designing and implementing cutting-edge mechanical systems that meet the highest industry standards while supporting the growth and success of my team and employer.

EDUCATION AND TRAINING

B.E MECHANICAL

Quaid-e-Awam University of Engineering Science & Technology, Nawabshah [25/09/2019 – 25/10/2023]

Country: Pakistan

Field(s) of study: Mechanical Engineering

Final grade: 3.51

Thesis: Design and Fabrication of Solar Powered Water Purification System

WORK EXPERIENCE

INTERNEE ENGINEER

PAKISTAN INTERNATIONAL AIRLINES [03/06/2023 – 27/06/2023]

City: Karachi

Country: Pakistan

- Collaborated with senior engineers on aircraft maintenance tasks, gaining practical insights into the aviation industry's standards and procedures.
- Participated in inspections of aircraft components, ensuring compliance with safety regulations and quality standards.
- Assisted senior engineers in conducting routine inspections and maintenance checks on aircraft components according to established protocols.
- Participated in aircraft repair and modification projects under the guidance of experienced technicians, ensuring adherence to safety standards and operational guidelines.
- Supported the engineering team in troubleshooting and diagnosing mechanical and electrical issues in aircraft systems.
- Participated in regular team meetings and collaborated with colleagues to address emerging maintenance challenges, brainstorm solutions, and optimize workflow processes.
- Contributed to the analysis of technical manuals, blueprints, and schematics to understand aircraft systems and effectively troubleshoot issues during maintenance activities.
- Demonstrated adherence to standard operating procedures, safety protocols, and regulatory requirements in all maintenance activities.
- Contributed to the implementation of preventative maintenance programs to ensure the reliability and safety of aircraft systems and components.

INTERNEE ENGINEER

PEOPLE'S STEEL MILLS LIMITED [18/07/2022 – 29/07/2022]

City: Karachi

Country: Pakistan

- Participated in quality control activities, inspecting steel products to ensure they met industry standards and specifications.
- Identified inefficiencies within production processes, actively contributing to problem-solving initiatives, and implementing solutions to optimize workflow efficiency.
- Assisted production teams in various stages of steel manufacturing processes, contributing to efficient production workflows.
- Assisted with quality control procedures, including inspecting raw materials and finished products to ensure adherence to specifications and standards.
- Participated in production planning meetings to understand workflow and scheduling requirements.
- Actively participated in meetings, workshops, and training sessions to enhance knowledge and skills in steel manufacturing processes.
- Demonstrated strong communication and teamwork abilities while working with colleagues from diverse backgrounds.

LANGUAGE SKILLS

Other language(s): **Urdu** | **English**

DIGITAL SKILLS

AutoCad / Microsoft Office (Outlook, Excel, Word, PowerPoint) / Google/ Video conferencing experience (Zoom, Skype) / Internet, E-mail and Social Media / Google tools (Gmail Drive Google forms etc)

COMMUNICATION AND INTERPERSONAL SKILLS

Project Management

Team Work

Leadership

Critical Thinking

Research Skills

Time Management

Presentation

Organizational Skills

REFERENCES

References Available Upon Request.
