

# ZOHAIB ALI

## Industrial Engineer

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### About ME:

As a recent industrial engineering graduate, I have a strong foundation in critical thinking, technical know-how, and a dedicated approach to safety protocols. My experience in academic projects and group work has refined my communication skills and attention to detail. What sets me apart is a cost-conscious mindset, understanding the pivotal role of resource optimization in the competitive industrial landscape. I am enthusiastic about translating these skills into a real-world setting, confident in my ability to contribute meaningfully to projects and seamlessly collaborate within a team. Beyond my academic prowess, I bring a passion for problem-solving and a knack for innovation, both of which I believe are vital assets in an ever-evolving industrial environment. I look forward to discussing how my unique attributes align with your organization's goals. Thank you for considering my application.

### Skills and Software abilities

#### 1. MS WORD/EXCEL/POWERPOINT:

- Proficient in using Microsoft Word for document creation and formatting.
- Proficient in utilizing Microsoft Excel for data analysis and spreadsheet management.
- Proficient in creating effective presentations using Microsoft PowerPoint.

#### 2. CAD(COMPUTER AIDED DESIGN) MODELLING:

##### AUTOCAD:

- Proficient in creating precise 2D drawings.
- Mastery of essential commands for accurate drafting.

##### SolidWorks

- Proficient in creating detailed 2D and isometric designs in SolidWorks.
- Mastery of SolidWorks commands for accurate and efficient modeling.

#### 3. PROJECT MANAGEMENT TOOL:

##### MS Project

- Proficient in project planning and scheduling using MS Project.
- Mastery of task allocation, resource management, and timeline tracking.

#### 4. SIMULATION SOFTWARE:

##### Arena

- Proficient in using Arena for system simulation.
- Thorough knowledge of modeling and analyzing complex processes.

#### 5. DATA SCIENCE AND ANALYSIS:

##### Python/Anaconda

- Proficient in data manipulation, analysis, and visualization using Python.
- Mastery of essential libraries in Anaconda, such as NumPy, Pandas, and Matplotlib.

#### 6. STATISTICAL ANALYSIS:

##### Minitab

- Proficient in statistical analysis and hypothesis testing with Minitab.

## Industrial Exposure/Experience

### Internee | ISMMART Group of industries | June 2023-september 2023

- Developed expertise in inventory management, utilizing advanced software for streamlined processes.
- Executed efficient order placements and monitored purchases through the software, ensuring optimal stock levels.
- Participated in Material Requirements Planning (MRP), enhancing skills in strategic inventory control.
- Gained insights into the intricacies of Human Resources (HR) functions within a corporate setting.
- Acquired knowledge about various HR responsibilities, contributing to a comprehensive understanding of organizational dynamics.
- Acquired proficiency in utilizing Point of Sale (POS) software at the company's superstore.

### Project internee/FYDP | Paraplegic center Peshawar | October 2023-present

- Utilized SolidWorks software to design a modification kit catering to the specific needs of the Paraplegic Center Peshawar.
- Incorporated ergonomic considerations and user-centric design principles into the modification kit.
- Conducted thorough FEA analysis to assess the structural integrity and performance of the designed modification kit.
- Applied conventional as well as manufacturing techniques to fabricate components of the modification kit, ensuring practicality and cost-effectiveness.
- Fostered collaboration between academia and industry by working closely with Paraplegic Center Peshawar.
- Demonstrated effective communication and project management skills to align academic objectives with real-world industry needs.

## Education

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING | JULY 2024 | UNIVERSITY OF ENGINEERING AND TECHNOLOGY PESHAWAR, JALOZAI CAMPUS

- AWARDEE, MERIT BASED SCHOLARSHIP
- AWARDEE, PRIME MINISTER'S YOUTH LAPTOP SCHEME 23
- CGPA: 3.8

F.SC IN PRE-ENGINEERING | 2020 | GOVERNMENT COLLEGE PESHAWAR

- Awardee, 100% Free Scholarship
- Marks: 80%

## Certifications and volunteering work

HULT PRIZE AWARD

- Winners of regional hult food wastage prevention program

EVENT MANAGER AT IISE(INSTITUTE IF INDUSTRIAL AND SYSTEM ENGINEERING) SOCIETY

- Sccessfully orchestrated and managed a series of impactful seminars and events as the Event Manager at IISE Society,
- Oversaw end-to-end event logistics, from planning and coordination to execution, ensuring the smooth flow of seminars and related activities