

Johira Sarwar

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Home: Haripur, Khyber Pakhtunkhwa, (Pakistan)

ABOUT ME

An Industrial Engineer with a proven ability to excel in both team collaborations and individual tasks. Skilled in leadership, problem-solving, and communication, I specialize in driving operational efficiency and delivering impactful solutions.

WORK EXPERIENCE

Professional Content Developer

WHOOPIIT Pakistan [15/02/2023 – Current]

City: Haripur | **Country:** Pakistan

1. Craft clear, compelling, and relevant content to attract the target audience.
2. Gather accurate information to ensure content is credible and aligned with audience needs.
3. Adapt content for various platforms.

IE Graduate Trainee Officer

Style Textile Pvt Limited Lahore, Pakistan [24/09/2021 – 30/09/2022]

City: Lahore | **Country:** Pakistan

1. Meet targets for performance reviews and ensure quality standards
2. Manage bottlenecks and elimination using IE tools and techniques
3. Improve machine utilization and ensure quality production
4. Improve processes through the use of design, operations management and planning

EDUCATION AND TRAINING

BSc Industrial Engineering

University of Engineering and Technology Peshawar, Pakistan [27/09/2017 – 27/09/2021]

City: Peshawar | **Final grade:** 3.7CGPA (91%) | **Thesis:** Design of Modular Product Architecture by using a Mass Customization Approach a case study of 3D Printer

PROJECTS

[09/2020 – 09/2021]

Design of Modular Product Architecture by using a Mass Customization approach a case-study of 3D Printer

1. My project is relevant to sustainable development rule 9.
2. The project successfully achieved its objectives by reducing complexity, minimizing costs, and extending the product lifecycle. This was accomplished by creating a flexible production setup, establishing separate assembly lines for standardized and alternative parts and reusing carryover and common components.

[03/2020 – 03/2022]

Digitalization of Crime Record System

By fostering collaboration among NADRA, FBR, banks, and immigration departments, the efficiency of apprehending criminals has been significantly enhanced.

[11/2020 – 11/2022]

Design and making of universal joint

The CAD design was utilized to create the wooden pattern required for mold fabrication. Aluminum was chosen as the material due to its unique properties. Following the molding process, various finishing techniques were applied to achieve the final finish.

PROFESSIONAL DEVELOPMENT COURSES

Digital Manufacturing and Design - The State University of New York

Six Sigma Tools for Improve and Control - University System of Georgia

Circular Economy - Sustainable Materials Management - Lund University

Supply Chain Management Strategy - State University of New Jersey

HONOURS AND AWARDS

[02/09/2021]

First position in FYP Exhibition (2021)

[27/09/2023]

IELTS Certificate

MANAGEMENT AND LEADERSHIP SKILLS

Final Year Project Group Leader

Lead my team throughout FYP successfully to achieve project goals i-e minimizing the product and process complexity, production cost and time to market by applying MFD technique.

Event Manger (IISE)

Plan the venue, budget, food, decoration for the event and collaborate with society members to discuss outreach initiatives to promote the society and its objectives.

Organizing Member (ASME)

I was involved in administrative tasks such as record-keeping, documentation, and managing memberships.