EHSANULLAH

INDUSTRIAL ENGINEER



CONTACT

- 0333-2655447
- ehsanullahkhattak598@gmail.com
- Hyderabad, Pakistan

CORE SKILLS

- Total Productive Maintenance (TPM)
- Overall Equipment Effectiveness (OEE)
- Quality Assurance / QC
- Process Engineering
- Problem Solving
- HSE & Risk Assessment
- Production Planning & Control

SOFTWARE & TOOLS

- Advanced MS Excel
- MS Project
- MS PowerPoint
- Data Analysis
- AI Prompt Engineering

STRENGTHS

- Quick Response
- Quick Learner
- Good Communication
- Problem Solving

PROFILE

Results-oriented Industrial Engineering & Management graduate from Mehran University of Engineering & Technology (MUET), with academic research experience in Lean Manufacturing, Total Productive Maintenance (TPM), and Overall Equipment Effectiveness (OEE) optimization within spinning operations. Skilled in MS Project, quality control tools, and data-driven process improvement, with practical industrial exposure at Al Rahim Textile Industries and Dawlance URIL. Seeking a GTE or MTO opportunity in manufacturing, supply chain, or quality operations.

EDUCATION

B.E. Industrial Engineering & Management 2022–2026

Mehran University of Engineering & Technology (MUET) • Jamshoro, Pakistan

FINAL YEAR CAPSTONE PROJECT

Analysis and Enhancement of Overall Equipment Effectiveness (OEE) using Total Productive Maintenance (TPM) Techniques

Focus: Ring Process of the Spinning Division at Mico Denim Mills

- Evaluated machine breakdown rates, speed losses, and quality defects across ring-spinning frames.
- Applied Autonomous Maintenance and Planned Maintenance pillars of TPM to help reduce downtime and improve production yield.
- Calculated baseline OEE metrics and developed continuous-improvement strategies to optimize manufacturing throughput.

INDUSTRIAL INTERNSHIPS

Al Rahim Textile Industries 1 month

Industrial Engineering Intern

- Analyzed spinning and textile production processes to identify bottlenecks and workflow inefficiencies.
- Supported quality control through yarn-parameter inspections, defect-rate monitoring, and compliance documentation.
- Participated in process mapping and time studies to support shop-floor layout and productivity improvements.

Dawlance (URIL) 1 week

Industrial Engineering Trainee — United Refrigeration Industries Ltd.

- Observed high-volume appliance manufacturing, assembly-line sequencing, and industrial safety practices.
- Gained exposure to Production Planning & Control (PPC), material-flow logistics, and shop-floor HSE standards.