

SHAHZAIB AHMED

INDUSTRIAL & MANUFACTURING ENGINEER

CONTACT

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- Karachi, Pakistan

EDUCATION

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Bachelor's of Engineering
2020-2024
CGPA: 3.50

SIR ADAMJEE INSTITUTE Higher Secondary School Certificate

SHAHWILAYAT PUBLIC SCHOOL Secondary School Certificate

SKILLS

- Project Management
- Quality Control
- Inspection
- Process Optimization
- Lean Manufacturing
- Continuous Improvement
- 3D - Modeling (Catia,Solidworks)
- Data Analysis
- Supply Chain Management
- Problem Solving
- Effective Communication
- Team Collaboration

CERTIFICATES

- Mastering 5S and Kaizen, The Toyota Way by **UNAP**
- Hazard Identification and Risk Assessment by **K-Electric**
- How to Build Your Personal Brand by **Nestle**

PROFILE

Industrial Engineer with a strong foundation in lean manufacturing and quality enhancement. Proven ability to streamline processes, reduce waste, and improve overall efficiency through effective application of Lean principles. Skilled in data analysis, process optimization, and quality control methodologies.

WORK EXPERIENCE

INDUS PENCIL INDUSTRIES

May 2023 - Jun 2024

Industrial Engineer

- Improved Overall Equipment Effectiveness (OEE) by 35% using Time and Motion Study.
- Enhanced production using six sigma and lean manufacturing methodologies.
- Trained, supervised, and managed production line workers to ensure high-quality production.
- Maintained Obeya wall for daily Obeya meetings to facilitate project tracking and decision-making
- Maintained and analyze production data to identify areas for improvement.

Thal Engineering

SEP 2023 - JUN 2024

Project Intern

- Verified quality systems in inspection processes to ensure compliance with industry standards.
- Conduct Product and Process audit to improve the efficiency and effectiveness of operations by identifying the areas where improvements are needed.
- Using DMAIC approach to identify and reduce defects occurring in Electric wiring harness.
- Implementing Poka-yoke to improve process that can enhance quality of product.

LUCKY CEMENT LIMITED

Feb 2024 - Mar 2024

Engineer Intern

- Understanding the processes involved in power generation of power plants capable of producing 180 MW electricity.
- Get to familiar with the various types of equipment used in power plants, such as turbines, IC engines, boilers, and control systems (SCADA).
- Came to know the importance of safety protocols and procedures that are made according to ISO 9001 in a high-risk industrial environment.

LIBERTY MILLS LIMITED

Aug 2023 - Sep 2023

Industrial Engineer Intern

- Implementing 5S-theory on production floor.
- Identifying value adding and non-value adding activities.
- Eliminating wastage using kaizen approach.

DINER'S

Mar 2023 - Apr 2023

Industrial Engineer Intern

- Making Layout of production floor, using VISIO software.
- Performing Time and Motion Study to calculate Standard Allowed Minute & Capacity.
- Carry out Costing operation for products that are manufactured.
- Performing statistical process control using optimization software.