Farrukh Mahboob Ellahi

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# Career Objective

A talented individual with strong technical, managerial and communication skills. I believe in hard work and quality in every aspect of life. An engineer who is keen to pursue a career in management and manufacturing.

**EDUCATION**

**University of Punjab, Lahore** BE. Metallurgy and Materials Engineering **Dec 2021 - Aug 2025**

Relevant Courses: Steel Making ,material compatibility,Production and Operations Management , Health, Safety and Industrial Environment, Total Quality Management.

CGPA: 3.60

## ILM Group of Colleges. Township Lahore Sep 2018 – Jun 2021

89%| 100% Merit Scholarship for FSc

**PROFESSIONAL EXPERIENCES MAS ASSOCIATES (PVT) LTD, Lahore July2024 – Aug 2024**

* Operations Engineer with hands-on experience in raw material procurement, inventory management through warehouse visits, and coordinating timely inventory dispatch. Proven ability to streamline operations and ensure supply chain efficiency.

**Velosi | Integrity, Inspection, Engineering Services,Pakistan., Lahore July 2023 –Aug 2023**

* Detail-oriented Inspection Engineer with expertise in material handling, result interpretation, and ensuring strict adherence to safety procedures. Skilled in maintaining operational efficiency through accurate inspections and effective material management

**Other Experiences, Lahore Dec 2021 – Feb 2025**

Dedicated Teacher with experience in full academic session planning, quality control, and process optimization. Effectively managed daily routines and coordinated special activities to enhance student engagement and learning outcomes.

**Key Highlights:**

* Developed and executed comprehensive academic session plans ensuring curriculum coverage and learning objectives.
* Implemented quality control measures to maintain teaching standards and streamline classroom efficiency.
* Organized and managed daily operations and special events, promoting a dynamic and well-structured learning environment

# Final Year Project

**"Microstructural Control of Stainless Steel Using Wire Arc Additive Manufacturing (WAAM)**

* This project aims to optimize process parameters to achieve uniform and desirable microstructural characteristics in the final build which is the main problem for all applications .
* · Coordinated raw material procurement and ensured timely availability based on production schedules, enhancing workflow efficiency.
* · · Interpreted production and material usage data to forecast needs and minimize delays or excess inventory.
* · · Oversaw material compatibility checks to maintain product quality and avoid disruptions during manufacturing.
* · · Managed the dispatch process to align with production timelines, ensuring on-time delivery and optimized resource utilization.

# Achievements

* Secured scholarship with 3.65 CGPA and Laptop by Punjab Govt .
* Winner of the Corrosion Awareness Day Competition 2022, University of the Punjab, Lahore

# volunteer Activities

Volunteered as a session moderator, overseeing end-to-end session management including coordination with presenters, session chairs, prize distribution, and ensuring timely execution of planned activities.  
served as a general volunteer with KAAVISH Foundation, actively participating in the planning and execution of charity events, managing activities from initiation to completion, and contributing to strategic meetings as part of the core planning team.

# Skills

* Leadership Communication Teamwork
* Optimization Techniques

## Courses

* Supply chain Management
* Supply chain and logistics