

AYUSH MITTAL

Address: *Knightsbridge Road, Irving, Dallas, TX, USA, Ready to relocate anywhere in United States*

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SUMMARY

- Master's in Industrial and Systems Engineering (STEM Eligible) at Texas A&M University
- Over 5 years of Industrial Engineering experience specifically in Operations, Warehouse Management, Engineering Labor standards, Process Engineering, and Lean Manufacturing.
- Full time roles starting January 2025 **and I have valid U.S. work authorization for up to 3 years.**

TECHNICAL SKILLS

Continuous Improvement: Lean Six Sigma Expertise, ASQ Certified, Inventory Management, Work Time Studies (MOST), Supplier Quality Audits, PFMEA, RCA, Lean Engineering, cGMP, ISO Audits, Human ergonomics

Languages: R language, Python: Jupyter, My SQL, Advance Excel, Aspen HYSIS

Software: Auto-CAD, SAP, Pivot Tables, Minitab: Real-time SPC, Smartsheet, Easy Metrics, LaborPro

EXPERIENCE

Student Assistant (Part-Time)

May 2024 – Dec 2024

Utilities and Energy Services, Texas A&M University

College Station, TX, USA

- Inspected electrical equipment and safety tools, proposing Corrective Actions and Preventive Actions (CAPA) that enhanced safety compliance
- Updating work order statuses, generating purchase requisitions, and managing BOMs using SAP-ERP.

Lean Distribution Analyst

Jan 2024 – May 2024

Topgolf Callaway Distribution center

Fort Worth, TX, USA

- Developed and managed documentation for QMS processes, improving workplace productivity by 45%
- Conducted Work Time Studies (MOST, PMTS) and Developed SOPs for the Receiving and Strategic departments, saving \$30,000 by eliminating NVA processes.
- Increased pack line efficiency by 30% through layout analysis and line balancing using SAP and Pivot tables
- Applied statistical methods like Gauge R&R and capability testing on Minitab, leading to improved quality processes and reducing defect rates to 0.5%.

Workforce Optimization Industrial Engineering Intern

May 2023 - Dec 2023

Pitney Bowes Warehouse

Dallas, TX, USA

- Conducted root cause analysis of unusual productivity scores using SQL and pivot tables to track units per employee, improving the productivity score from 80% to 95%.
- Successfully integrated WMS Easy Metrics and LMS platforms, overseeing scope creation, Labor standard validation, User acceptance testing, and external System integration, achieving \$20MM in annual savings.
- Improved efficiency of Manual Induction operation from 70% to 95% via time studies (in MOST) and Kaizen team setup.
- Redesigned the parcel flow layout using AutoCAD, improving return order efficiency by 25%.
- Developed a Value Stream Map (VSM) on MS Visio to identify operational bottlenecks and collaborated with the operations team to improve workflow and time management.

Senior Process Engineer, Ops Quality Assurance

Jan 2022 – Aug 2022

HURL, Indian Oil Chemical Warehouse

New Delhi, INDIA

- Reduced inventory levels by 45% by implementing JIT and a Kanban system.
- Supported internal, external audits and third party audits, achieving 98% on-time completion.
- Negotiated vendor contracts and sourced quality equipment, securing \$35,000 in annual savings

Quality Engineer, Logistics and Supply Chain

Sep 2018 – Jan 2022

Jaypee Industries Ltd

Kanpur, INDIA

- Developed an Ishikawa diagram to identify the root cause of compressor inefficiency, achieving annual savings of \$68,000.
- Conducted SWOT analysis for outsourcing cooling water chemical treatment and selected top-ranked suppliers using a supplier evaluation matrix
- Performed time studies to estimate truck loading time and improve efficiency by 13% by eliminating NVAs.
- Maintained ISO 9001 and other accreditation standards, ensuring 100% compliance during annual audits and minimizing non-conformities by 85%

EDUCATION

Texas A&M University

M. Eng. Industrial and Systems Engineering , GPA 3.6 /4

College station, Texas, USA

Aug 2022 - Dec 2024

Thapar University

Bachelor of Engineering Chemical Engineering, GPA 3.5/4

Patiala , Punjab , INDIA

Aug 2014 - Aug 2018

CERTIFICATIONS

ASQ Certified Supplier Quality Professional

Issued Jan 2024 - Expires June 2028

KPMG Lean Six Sigma Green Belt

Issued Oct 2020

Cleared GATE 2020 (World's Top 10 toughest Exam))