



MD ARAFAT HUSSAIN

Industrial Engineer and Data Analyst

Sreepur, Ashulia, 1340 Dhaka | +08801943758370 | arafat.ipe18@gmail.com

CAREER OBJECTIVES

Results-driven Industrial Engineer and Data Analyst with 7.8 years of experience in the manufacturing (RMG & Plastic) industries, specializing in Power BI, SQL, ERP analytics, Lean Manufacturing, and Operational Excellence. Passionate about using complex operational data into actionable strategies that enhance efficiency, productivity, and profitability.

EXPERIENCE

Assistant Manager- Business Analyst

Mondol Group (Gazipur, Bangladesh)

Jan 2022 – Current

Key Responsibilities & Achievements

Data Analysis & Insight Generation:

- Spearheaded data driven decision making across five sister concerns of a top tier RMG group, reporting directly to the Board of Directors.
- Extracted, analyzed, and interpreted complex operational data from ERP systems using advanced SQL queries, translating insights into actionable strategies.
- Identified trends, root causes of inefficiencies, and performance gaps via Power BI analytics, driving measurable process improvements.
- Designed and maintained interactive Power BI dashboards and KPI reports, enhancing visibility across departments and supporting strategic decision making.

Process Improvement & Optimization:

- Led continuous improvement initiatives using Lean 5S, Kaizen, QCO, Six Sigma, and ERP based optimization methodologies.
- Streamlined workflows, removed bottlenecks, and implemented solutions that improved efficiency, quality, safety, and cost effectiveness.
- Successfully implemented ERP, HRIS, and planning systems, ensuring full data traceability from raw material sourcing to product delivery.

Training & Mentorship:

- Developed and delivered training programs on Operational Excellence, Lean tools, and ERP utilization, empowering employees across all levels.
- Documentation & Standardization Created and maintained standardized SOPs, process documentation, and best practices, ensuring consistency, compliance, and knowledge retention.

Sr. Officer- Industrial Engineer (IE), (Lean Manufacturing & Continuous Improvement)

FCI BD LTD. (Savar DEPZ, Dhaka)

Jan 2020 - Jan 2022

Key Responsibilities & Achievements – Woven & Knit Garments

- Implemented QCO, Kaizen, OT Reduction & Helper Reduction initiatives
- Deployed 5S, Six Sigma, TPM, TQM to enhance efficiency and eliminate waste
- Developed Operation Bulletins (OB) with SMV, standard time, and process breakdown
- Conducted capacity, method, and production studies to improve productivity
- Delivered pre-setting requirements (folders, jig, gauge) 5 days before layout
- Provided training on critical operations and ensured SOP development
- Prepared balanced OB and machine layout in coordination with line teams

Executive-Industrial Engineer (IE)

Interstoff Apparels Limited. (Gazipur, Bangladesh)

May 2018 - Jan 2020

EDUCATION

Master of Business Administration (MBA): Supply Chain Management (SCM)

May 2026

Bangladesh University of Professionals (BUP)

Mirpur Cantonment, Bangladesh

CGPA: 3.78 out of 4.00

Post Graduate Diploma (PGD): Supply Chain Management (SCM)

Jul 2019

Bangladesh Institute of Human Resource Management (BIHRM)

Dhaka, Bangladesh

CGPA: 3.52 out of 4.00

Bachelor of Science: Industrial and Production Engineering (IPE)

May 2018

Ahsanullah University of Science and Technology (AUST)

Dhaka, Bangladesh

CGPA: 3.01 out of 4.00

Secondary School Certificate Examination: Science

Aug 2013

Keshabpur Bahrul Ulum Kamil Madrasha

Jessore, Bangladesh

GPA: 5.00 out of 5.00

Higher Secondary Certificate Examination: Science

May 2011

Keshabpur Bahrul Ulum Kamil Madrasha

Jessore, Bangladesh

GPA: 5.00 out of 5.00

REFERENCES

Sohanur Rahaman Sohan

Group Deputy COO

Akij Resources Ltd.

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Abu Ayub Ansary

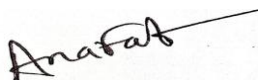
DGM, Accounts & Finance

Lab One Hospital

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I state that in accordance with my acquaintance and certainty this resume correctly describes my qualifications and me in the approved manner.



MD. ARAFAT HUSSAIN