



MEHEDI HASAN TUSHAR

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 West Ganakpara, Munshiganj - 1500, Bangladesh

CAREER OBJECTIVE

Aspiring Industrial and Production Engineer with hands-on experience in the process optimizations and manufacturing sectors, including process observation, workflow optimization, and quality assurance. Motivated to begin a full-time career in industrial operations, production planning, or supply chain roles where I can apply practical knowledge, analytical thinking, and a continuous improvement mindset. Passionate about contributing to efficiency-driven environments that value innovation, sustainability, and teamwork.

EDUCATION

- **B.Sc. in Industrial and Production Engineering (IPE) - 2024**
NITER, University of Dhaka.
CGPA: 3.25 out of 4.00
- **HSC in Science - 2019**
Govt. Haraganga College, Munshiganj
GPA: 4.58 out of 5.00
- **SSC in Science - 2017**
Munshiganj K. K. Govt. Institution
GPA: 4.91 out of 5.00

PROJECT & THESIS

- **Thesis Topic:** Operational Feasibility of Digital Twin in Bangladesh's FMCG Industry for Monitoring System, 2024.
- **Project:** Developed a Smart Home Automation System Based On IoT, 2023.

WORK EXPERIENCE

Executive - Production

Xclusive Can Limited, Plot # 53/1, Block # B, Kaligonj Road, Majukhan, Gazipur, Dhaka, Bangladesh | June 2025 - **On progress**.

- Monitor Production line, ensuring to meet the daily and monthly production targets.
- Checked machine status and fixed small issues to prevent breakdowns.
- Worked closely with maintenance and quality teams to reduce unexpected stoppages.
- Used different types of lean tools to reduce waste by 10% in daily operations.
- Developed SOPs for setup machining parameters that reduced defects and rework, improving first-time pass rate by 60%.

Process Engineer (Turnover Operations)

Castle Host LLC, 131 Continental Dr, Suite 305, Newark, Delaware 19713, US | October 2022 to May 2025 (**Remote**).

- Reduced manual work and overall process cycle time by 60% by centralizing over 1,000 units into a single automated PMS workflow.
- Built an automated end-to-end workflow for cleaning, crew dispatch, and payments through TurnoverBnB.
- Implemented remote quality control management, cutting rework and downtime by 40%.
- Developed standardized SOPs to ensure consistent & flexible operations.
- Used forecasting and JIT to reduce excess inventory and emergency purchases by 30%.
- Applied Kaizen to optimize labor and vendor management, lowering cost per turnover while improving reliability.

INTERNSHIPS

- **Bangladesh Industrial and Technical Assistance Center (BITAC)**, Tejgaon, Dhaka | June 2024 to July 2024.
- **Akij Textile Mills Limited**, Golora, Charkhanda, Manikgonj | September 2023 to October 2023.
- **Tanzila Textile Limited**, Baroipara, Ashulia, Savar, Dhaka | August 2023 to September 2023.

CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

- Aspire Leadership Program, **Harvard University**, 2025 (On progress).
- MicroMasters in Supply Chain Management, **MITx**, 2025 (On progress).
- Lean Six Sigma Green Belt Certification, **TUM**, edX, 2025.
- Advanced Excel Formulas & Functions, **Udemy**, 2024.
- Power BI Fundamentals, **CFI**, 2024.

TOOLS & TECHNICAL SKILLS

- Proficient in Microsoft Office Suite (Word, Excel, PowerPoint, Outlook).
- Skilled in using Google Workspace (Google Docs, Sheets, Slides, Gmail, Drive).
- Familiar in data analysis with Microsoft Excel.
- Experienced with CRM & project management software like ClickUp, Slack.
- Enterprise Resource Planning (ERP) Software (SAP, Oracle)
- BI Tools (Power BI, Tableau)
- Beginner in AutoCAD, SolidWorks & MATLAB

LANGUAGE PROFICIENCY

- Bangla (Native Language)
- English (Fluent working Proficiency)

REFERENCE

Raihan Ahmed Joy Assistant Professor &
Head Dept of IPE, NITER
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