ASIF BIN SYED

Greensboro, NC

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Profile Summary

- Experienced in mass and labor-intensive production system and implemented Kaizen to improve throughput
- Certified Six Sigma Green Belt professional with experience in lean manufacturing, Toyota production system, statistical knowledge, and manufacturing processes.
- Experienced in solving the business problem using the BI tools such as PowerBI and SQL
- Academic background in Industrial and Manufacturing Engineering with experience in implementing industry-specific knowledge and skills.

Education

West Virginia University — **Aug. 2021 – Dec. 2023**

Master of Science in Industrial Engineering (CGPA-3.5) — *Morgantown, WV*

Experience

Volvo Group — **January 2023 – Present**

Supply Chain Analyst Co-op, Purchasing Logistics — *Greensboro, NC*

- Deployed **Power Automate and AI**, created an automated cloud flow to gather invoice information on freight capacity load from email and SharePoint, stored it in an Excel file, and conducted data analysis resulting in the **discovery of $200k additional charges** beyond contract terms.
- Established **end-to-end Dataflow process** from database to publish PowerBI report with actionable insights to all Expedite Carriers for improving their business opportunities with Volvo by 10%
- Assisted the buyers in the evaluation of supplier quotes and analysis of CSR reports determining which suppliers were best qualified to meet the technical and non-technical requirements of the RFQ.

Executive Industrial Engineer — **February 2021 – June 2021**

Vanguard Dresses Ltd — *Chittagong, Bangladesh*

- Led a Kaizen team of 5 members supervising 200 workers, where implementing the kaizen project were able to **reduce the cycle time upto 10%** for certain product line
- Measured the OEE(overall equipment effectiveness) to figure out the overall maintenance performance and initiated the Kanban flag system that **saved approximately 800 productive hours** per month
- Identified the bottleneck of the processes and Leveraged the Business process re-engineering to improve the processing time by eliminating some of the non-value added task and automating some manual processes
- **Decreased the Change Over Processing Time(COPT) by 12 percent** by calibrating the sophisticated machine outside of the production line.
- Leveraged data to build PowerBI Dashboard measuring the **skill metrics of the 200 workers using time study**, reported the findings to the management, and suggested the strategy for line balancing
- Assisted the Industrial Engineering team in capacity planning for certain products

Projects

Designing a multipurpose luggage | *SolidWorks*

- Designed multipurpose luggage in SolidWorks with detailed hierarchical product structures, part quantities and dimensions
- Planned the launch of the product with a detailed Bill of Materials(BOM) and profit margin

Small scale Capacited Vehicle Routing Problem | *Python,Pulp,Google API*

- Formulated the 6 constraints and a restriction on variables to minimize the total distance traveled by the truckload
- Utilized the google API to find the actual distances between the customer location and the facilities.

Technical Skills

Softwares: PowerBI, SolidWorks,AutoCAD, Tableau, SQL, MS Excel (Excel Solver, VBA, Macro, Pivot Table, Power Pivot and Power Query), MS Project, MS Access, Minitab, MPL/CPLEX

Programming language: Python, MATLAB

Leadership / Extracurricular

Mountaineer Racing — **August 2022- present**

Project Manager — *West Virginia University*

- Introduced Gantt chart to the team to manage the schedule for the entire project
- Assist the team in comparing the KPIs of the winning teams from the previous year to their own target through powerBI