Tejas Vijaykumar Kaneria, (CSSGB)

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EDUCATION

The University of Texas at Arlington, Texas **Expected Dec 2020**
Master of Science, Industrial Engineering GPA: 3.33/4.0

KEY SKILLS

• Lean Manufacturing • Six-Sigma • KAIZEN • Data-Driven Decision Making • Manufacturing process development • Cost Analysis • Project Management • Cross-Functional Collaboration • Leadership • Continuous Improvement • Quality Control • Logistics

EXPERIENCE

Data Analyst | Maruti Techlabs, India **Jan 2018 – Nov 2018**

- **Data Cleaning:** Transformed and cleaned unstructured data using Python to conform to the business requirements.
- Developed and presented dashboards using Power BI, SQL by collaborating with Engineers and Managers, leading to integrated insights.
- Participated in weekly planning meetings with analytics team to communicate plans, identify and discuss & solve issues.

Industrial/Manufacturing Engineer Intern | Priya Felt Private Limited, India **May 2017 – Dec 2017**

- Ramped up the fabric production by 38% using Takt Time, Pareto Analysis, Fishbone Diagram, TPM, DMAIC, FMEA & 5Why.
- Enforced Kaizen, Kanban and reduced idle time of the manufacturing process using the bottleneck approach.
- Used root cause analysis to identify the source of yarn breaking during warping process which resulted in saving 18 hours every month.
- Achieved annual fabric production demand of 800K meters using Six Sigma and continuous improvement methods.
- Reduced operations costs by 15% using lean process improvement tools.

Procurement Engineer Intern | Kaneria Enterprises, India **Jan 2017 – May 2017**

- Negotiated contracts with suppliers and maintained strong relationship with internal category managers.
- Developed & maintained vendor information, by producing qualitative assessments of vendors.
- Assisted in evaluating suppliers' performance by gathering information and preparing repots.
- Improved onboarding process by integrating the sourcing tool and collected onboarding documents like NDAs, ECLs, supplier forms.
- Cost reduction using strategic purchasing practices (economic order quantities, with regard to bulk pricing and lead time).
- Continuously research alternate vendors in order to ensure competitive pricing.
- Implemented JIT to reduce inventory cost and storage space.

Summer Intern | Mangalore Refinery and Petrochemicals Ltd, India **June 2016 - July 2016**

- Developed, analyzed and reported key performance indicators.
- Bottleneck identification and reliability improvement in 3 production lines of PVC plant.
- Implemented supply planning and inventory management process improvements.
- Monitored product supply risks and notified customer of potential issues.

Production and Maintenance Intern | ONGC Mangalore Petrochemicals Ltd, India **July 2016 – Aug 2016**

- Performed Root Cause Analysis for frequent bearing failures of centrifugal pumps; reduced downtime by 5%.
- Implemented preventive maintenance on pumps; reduced vibration level by 17% and prevented frequent equipment failure.

ACADEMIC PROJECTS

Inventory Analysis for a liquor store (Excel, Power BI). **May 2020 – Aug 2020**

- Achieved historically low out of stock (OOS) percentage of **3.2%** during summer 2020 peak sales season and handled **1200+ SKU's**.
- Executed First-Expired, First-Out (FEFO) instead of First-In, First-Out (FIFO) which resulted in **56%** reduction in inventory being obsolete.
- Determined optimum re-order point which resulted in 12% annual cost savings.

Designed Forward Pick Area for a Distribution Center (Excel, Power BI). **Jan 2020 – May 2020**

- Reduced picking cost and increased responsiveness to customer demand by **12%** and **7%** respectively.
- Optimized Forward-Pick Area of a warehouse which resulted in improved productivity and overall profitability by selecting the most valuable SKUs from given data.
- Constructed a DC heat-map to analyze warehouse activities like – displaying location-based statistics such as annual pick-lines, cubic volume of product removed, frequency of restock, weight of stored product, age of stored product, travel distance from shipping.

Improved Overall Equipment Effectiveness of machines using Root Cause Analysis for a FMCG company (Six Sigma). **Jan 2020 – May 2020**

- Performed sensitive analysis using Pareto Analysis and Fishbone Analysis on WIMCO-4, PACMAC-6 & HICART machines which resulted in reduction in machine breakdown frequency from **6 months** to **3.5 years** saving **$100K** annually**.**
- Identified bottlenecks in the process and implemented Kaizen & Kanban to ramp-up the manufacturing process.

Implemented quality improvement measures to reduce the percentage of defective chocolate bar from 10.3 to 4.78 using DMAIC.

SOFTWARE SKILLS

• SQL, Python	• MATLAB, SAS	• Power BI, Tableau	• AUTOCAD	• ANSYS
• HTML + CSS	• SPSS	• Advanced Excel	• Solidworks	• Simulation (Witness)

LEADERSHIP & ORGANIZATIONS

- Lead the cultural team which raised $50K from sponsors for techno cultural university fest.
- **Active Member** (UTA Drone Club, ASCM, APICS & NSBE)
- **University Head** (Igniting Young Minds-Bangalore Chapter)

Eligibility: Eligible to work in the U.S. for internships and for full-time employment for up to 36 months without sponsorship.