937 775 4491 **Rowdy Raider** rowdy.2@wright.edu

<https://www.linkedin.com/in/rowdy-raider>

Dayton, Ohio 45324

**SUMMARY**

Industrial Engineering student with Six Sigma Green Belt, actively looking for opportunities in supply chain, manufacturing, quality and process improvement.

 **EDUCATION & CERTIFICATIONS**

**MS** **in Industrial and Human Factors Engineering**: Wright State University, Dayton, Ohio  **May 2021**
Graduate Merit Scholarship, GPA: 3.5/4.0

**BE in Mechanical Engineering**: MVSR Engineering College, Hyderabad, India **GPA: 3.0/4.0 Jun 2015**

**Six Sigma Green Belt**  **Nov 2019 - Nov 2022

SKILLS**

* Six Sigma, DMAIC, Lean Process Improvement, Andon, PDCA, JIT, Visual Controls techniques, Kaizen, Kanban, 5S, Control Charts, MS Word, MS Excel, Demand Forecasting, Inventory.
* Programming Knowledge in AIMMS, JMP, Simio, R, Creo Parametric 3D Modelling.

 **PROFESSIONAL EXPERIENCE**

**Student Worker (Procurement) – Compass Group,Wright State UniversityFeb 2019- Dec 2019**

* Applied 2-Bin-Kanban and Bucket Brigade system and improved product flow and reduced cycle time by 19%.
* Implemented standardized working methods to improve the throughput time by 20%.
* Ensured the balanced WIP, which resulted in delivering 100 more units per day.
* Created Bill of Material (BOM), analyzed retail sales and material handling to minimize the inventory and increase the sales.
* Lead team of 40 for kaizen project and promoted as Quality Analyst after six months.

**Supply Chain Analyst***-* **Wipro Limited, Hyderabad, India Jun 2017 - Dec 2018**

* Conducted time observation to calculate the takt time, change over time, process time and batch size.
* Used six sigma graph analysis, initiated weekly meetings (paving way to the monthly planning cycle process) among the procurement teams, identified outliers and rectified the problem resulting in S&OP process improvement.
* Assisted senior management with root-cause analysis and reducing system buffer time to ensure smooth workflow.
* Responsible for generating RFQ’s and sending them to Suppliers, Process Planning, Communications and Signaling, Packaging, Data Analytics, Inventory Planning, Demand Forecasting, receiving orders and delivering products to customers.

**Manufacturing Engineer-Global Logic Technologies Ltd, India Aug 2016 - May 2017**

* Mitigated risk factors through careful analysis of statistical data. Anticipated & managed change effectively by implementing SPC thereby improving **SIPOC**. Led the team to build & scale up in improving company Operation Management, increasing top line sales & reducing cost.
* Identified and corrected efficient bottlenecks using Industrial Engineering Techniques, resulted **15%** increase in **service rate** and in more accurate Supply Chain Management.

**Manufacturing Intern, ARCI, Hyderabad, India Aug 2014 - Sep 2014**

* Gained an overview of the production methods of ceramic materials using product designing methods to enhance material performance in terms of quality, efficiency & cost.
* Forecasted demand models and measured inventory cost control using statistical & stochastic approaches.

**Procurement Intern, BHEL, Hyderabad, India Feb 2013 - July 2013**

* Analyzed & managed all aspects of products from procurement & delivery of shipments to customers.
* Followed bids, including sample submissions, feedback, and work with the suppliers and team in developing the new product.
* Gained an overview of procurement management.

**PROJECTS**

**Discrete Facility Location-Allocation for Cross Docks: Jan 2020 - May 2020**

* The project focuses on **discrete, multi-facility, capacitated location-allocation** based on **real time data in** **Honda’s** network of 506 suppliers, 5 cross-docks, 12 sub-assembly facilities, and 9 plants.
* Objective of this project is to minimize the **transportation cost** by allocating the optimal **number of pallets** through **Multi-Echelon** (Suppliers-Cross Docks-Sub-Assembly-Plant).
* Designed a **math model** for multiple scenarios and implemented in **AIMMS** which used **CPLEX 12.10** solver tool to find the optimal solution.

**Optimizing Starbucks Employee Schedule: Aug 2019 - Dec 2019**

* Created a multiple objective math model to schedule both full time and part time employees to minimize cost.
* Optimized the employee scheduling using advance excel methods and simulation modelling. Improved **service rate by 20%.**

**Analyzing Kroger Sales Report:** **Aug 2019 - Dec 2019**

* Analyzed Kroger sales report for fourth quarter using **JMP software, Minitab**, & identified potential outliers responsible for **CTQ**.
* Forecasted next quarter demands.