**LIKHIT PRASHANT CHAUDHARI**

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**EDUCATION**

**Master of Science in Information Technology and Management  *August 2024-May 2026****The University of Texas at Dallas, Dallas, Texas*.CGPA: 3.4/4.0**Bachelor of Engineering in Mechanical Engineering Hons in Robotics *November 2020-June 2024***

*University of Pune, Pune, India*

CGPA: 8.5/10.0

**WORK EXPERIENCE**

**Business Analyst Intern |** *Sigma Calibration Labs., India* ***February 2023-August 2023***

* Made analytical models using python and SQL that improved the accuracy of inventory forecasts by 20%. This initiative directly contributed to a reduction in stock shortages by 18%, ensuring optimal inventory levels.
* Designed dashboards in Tableau and Power BI, integrating visual analytics and forecasts for real-time performance monitoring, achieving a 25% reduction in decision-making time and a 15% boost in efficiency.
* Made a data driven analysis project that scrutinized procurement and logistics operations. By identifying inefficiencies and negotiating better terms with suppliers, achieved a 12% reduction in overall supply chain costs.
* Partnered with the operations team to implement a new strategic framework that increased the on-time delivery rate from suppliers to 92%. This was obtained by enhancing supplier performance tracking and supplier selection based on data driven insights.

**Supply Chain Intern |** *Jain Irrigation Systems.Ltd, India* ***October 2023-January 2024***

* Streamlined supply chain processes for PVC & HDPE piping systems, introducing real-time inventory tracking to reduce excess stock by 10%, enhance material flow, and automate inventory management, cutting manual errors by 20%.
* Designed and implemented a supplier evaluation framework, reducing raw material rejection rates by 15% and ensuring consistent quality by defining assessment criteria, conducting audits, and introducing a standardized scoring mechanism for PVC resins, and HDPE granules.
* Optimized logistics workflows for domestic and international markets, achieving 92% delivery accuracy, cutting lead times by 12%, and enhancing customer satisfaction by 15% through route optimization, real-time tracking, and streamlined export compliance procedures.
* Streamlined material handling processes, decreasing delays by 18% and boosting operational efficiency by collaborating with cross-functional teams, upgrading handling equipment, and incorporating lean principles like kanban systems.

**SKILLS**

* **Languages:** Python, R, SQL
* **Database:** MS Excel, MySQL, NoSQL, SAP
* **Python:** Numpy, Scikit-learn, TensorFlow, Pandas, Matplotlib, OpenCV
* **Tools:** PowerBI, Tableau, Microsoft Office Suite, Adobe Analytics
* **Frameworks:** Wordpress, Elementer

**PROJECTS**

**Stock Probability Model for Inventory Optimization**

* Integrated safety stock levels and demand variability into the model This strategy was tailored for items with high demand variability, which significantly reduced the risk of stockouts by 30% during peak demand periods.
* The model achieved a 91% accuracy rate in predicting stockout risks for high demand products. It was instrumental in reducing stockout incidents by 40% leading to an estimated annual savings of $200,000 in lost sales.

**Amazon Prime-Netflix Data Analysis**

* Lead a detailed comparative analysis of Amazon Prime and Netflix using PowerBI, highlighting a year over year subscriber growth rate of 15% for Netflix compared to 10% for Amazon Prime, a 20% annual revenue increase for Amazon Prime, and Netflix’s content acquisition spending of USD 5 billion.
* Conducted an extensive operational data analysis of Amazon Prime and Netflix, uncovering that Netflix maintains an average user retention rate of 85% versus Amazon Prime’s 75% and noted a % increase in profitability per user for Amazon Prime, alongside Netflix’s expansion into three new countries.

**CERTIFICATIONS**

* Google Business Intelligence Professional Certification
* Microsoft Certified: Power BI Data Analyst Associate
* Salesforce Certified AI Associate
* Google Project Management Professional Certificate
* Six Sigma White Belt Certification
* Python for Data Science and AI Development
* Programming for Everybody (University of Michigan)