

RAM POLISETTI

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SUMMARY: Dynamic and results-driven Operations Manager with over 2 years of experience in software engineering, web/mobile application development, and agile methodologies.

EDUCATION

Data Science — *Master of Science*

SEPT 2022 - JAN 2024

School of Engineeng and Applied Sciences

State University of New York (UB), Buffalo, NY

SKILLS

Python, R, SQL, Tableau, Amazon Redshift, Amazon Quicksight, Machine Learning, Data Analysis & Visualization, Operations Management, Inventory Management, Supply Chain Optimization, Logistics Management, KPI Tracking, Root Cause Analysis, Team Leadership

WORK EXPERIENCE

Data Analyst — *JerseyStem, New Jersey*

MAR 2024 - PRESENT

- Spearheaded the creation of advanced automated data pipelines using **SQL**, **Python**, and **Alteryx**, significantly enhancing data collection and analysis to inform decision-making and improve program effectiveness.
- Orchestrated **Postman** and **Webhooks** for real-time data integration and automation, optimizing data workflows and ensuring organizational agility and responsiveness to evolving data trends and needs.
- Launched a daily reporting system using **AppSheet**, **Tableau**, and **Google Data Studio**, providing actionable insights and enhancing organizational accountability and project deliverables through superior data visualization.

Transportation Specialist — *Amazon Inc., Hyderabad, India*

NOV 2020 - JUL 2022

- Executed data-driven optimizations of dispatch systems using advanced **SQL** queries to extract data from **Amazon Redshift**, resulting in a 40% increase in efficiency and a 15% decrease in carrier-related fraud.
- Led a data analysis project to strategically reduce equipment dwell times, reintegrating over 1,000 equipment and improving logistics and supply chain efficiency.
- Spearheaded comprehensive transportation data analysis to enhance route efficiency, cutting down empty miles by 8% and reducing logistical costs through **SQL** and data visualization tools.
- Monitored and analyzed logistics performance metrics using **Amazon Quicksight**, achieving a 20% reduction in operational incidents and improving delivery timelines.
- Developed Standard Operating Procedures (SOPs) and automated transportation operations, leading to a 30% reduction in team acclimatization time and improvements in overall team efficiency.
- Directed and mentored a team of 5 at Amazon, earning recognition as a Subject Matter Expert in logistics data analysis and receiving the "Amazon Leadership Principle Award" for initiative in dispatch systems.

TECHNICAL PROJECTS

Advanced Supply Chain Freight Analytics Dashboard — *SQL, Python, Tableau, Redshift, Quicksight*

- Developed a dashboard providing real-time insights into transportation and supply chain operations, using **SQL**, **Python**, and **Tableau**.
- Conducted in-depth transportation data analysis, identifying key trends and patterns to optimize route efficiency and carrier performance.
- Established and monitored KPIs to measure transportation performance, contributing to improvement in delivery times and cost savings.
- Performed root cause analysis to address transportation inefficiencies, leading to a 15% reduction in logistical bottlenecks.
- Effectively communicated complex data insights to stakeholders through regular reports and presentations, enhancing decision-making processes.

Strategic Route Optimization and Cost Minimization — *Python, Plotly, SQL, Monte Carlo Simulation*

- Engineered a network optimization strategy using **NetworkX**, delineating 30 critical plant-port connections, thereby enhancing logistical efficiency and reducing route costs.
- Created a constraint-based allocation model for 50+ products and 30 customers, achieving a 100% adherence to Vendor Managed Inventory (VMI) protocols and minimizing supply discrepancies.
- Improved decision-making processes by developing interactive dashboards with **Plotly**, providing stakeholders with clear insights for strategic supply chain decision-making.