

MANISH MAHTO

Operations Analyst | Supply Chain & Data Analytics

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PROFESSIONAL SUMMARY

Results-driven **Operations Analyst** with **8+ months** of hands-on experience in manufacturing digitization, supply chain optimization, and data-driven decision making. Reduced production downtime by **15%** and improved output by **8%** through real-time monitoring and trend analysis. Proficient in **Python, SQL, Power BI**, and ML frameworks. Built a serverless ML credit scoring prototype achieving **94%** deployment reduction. Seeking roles in **data analysis, operations, or business intelligence**.

EDUCATION

B.Tech in Artificial Intelligence & Machine Learning | **Jain University, Bangalore** | 2021 – 2025 | CGPA: 7.4/10
Coursework: Machine Learning, Statistical Data Analysis, Operations Research, Database Management, Computer Vision, NLP

TECHNICAL SKILLS

Languages & Query:	Python, SQL, Java, C++
Data & Analytics:	Pandas, NumPy, Excel (Advanced), Power BI, Statistics, Data Analysis, Trend Analysis
ML & AI:	Machine Learning, Deep Learning, XGBoost, scikit-learn, TensorFlow, NLP, OpenCV
Tools & Platforms:	Git, Jupyter Notebook, Vercel, AWS
Databases:	MySQL, MongoDB
Domain:	Operations & Supply Chain Analytics, Vendor Management, Production Planning, Cost Optimization

PROFESSIONAL EXPERIENCE

Operations Analyst August 2025 – Present
Amithraj Apparels | Bangalore, India

- Reduced production downtime by **15%** and improved output by **8%** across a 40-machine flat-knit unit producing **35K–50K units/month** through real-time monitoring and trend analysis
- Designed vendor reliability scorecard across **5+ yarn suppliers**, phased out 2 underperforming vendors, and split procurement between on-time (20-day) and delayed (45–55 day) suppliers to optimize working capital and supply chain continuity
- Documented manufacturing digitization roadmap covering inventory traceability, priority-queue job scheduling, and offline-first data sync for supply chain resilience

PROJECTS

CreditNeverBefore — Behavioral Credit Scoring Engine Live | Repo
Engineered credit risk prototype for thin-file users using alternative data features; transpiled XGBoost to pure Python via m2cgen, achieving **94%** deployment reduction (**850MB** → **50MB**) for serverless deployment on Vercel

KnitFlow ERP — Manufacturing Digitization Case Study Repo
Designed technical architecture for end-to-end digitization; researched offline-first sync, priority-queue scheduling, and GST engine for textile supply chain operations

TraceVision — Industrial Computer Vision Repo
Built OpenCV-based movement tracking system to log spatial trajectories, facial recognition and object detection

Fire Evacuation AI — Honeywell Hackathon 4th Place, April 2024
Developed real-time emergency evacuation routing simulation with dynamic floor plan designer, sensor placement, fire spread modeling, and instantaneous exit route calculation

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals (AI-900) — 2024 | **Microsoft AI Skills Certificate** — 2024

ADDITIONAL EXPERIENCE

Founder & Director, PerFormance Esports (May 2021 – Mar 2022) — Scaled gaming community from 0 to **1,000+ members** in 60 days; managed **Rs. 80K** event budgets with a 4-person team.

Digital Marketing Intern, Samarya Naturals (Jan 2023 – Apr 2023) — Drove **200%** Instagram reach growth and **20%** order increase through data-driven campaign analysis.