Kumar Abhinav

Supply Chain Analyst

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| **Core Technologies & Skills**  Supply Chain Data Analytics  Inventory & Vendor Management  ERP: SAP S/4HANA (MM, PP), ECC  Supply Planning  Demand Planning  SQL, Tableau  Python, Java  Elasticsearch, Kibana | Seasoned Supply Chain Analyst skilled in applying data analytics, forecasting, and AI/ML-driven insights to optimize end-to-end operations. Adept at managing complex inventory ecosystems, vendor collaboration, warehouse efficiency, and real-time logistics visibility. Proven track record of cross-functional leadership across global supply chains, with expertise in MRP planning, warehouse operations, cost reduction, and performance dashboards.  **Career Highlights**  **Enterprise Supply-Chain Analytics & Forecasting**: Designed and delivered a secure Python/SQL→ Elasticsearch ETL pipeline and interactive Tableau/Kibana dashboards for Bahrain’s Ministry of Health—halving data-query latency by 50% and accelerating decision-making by 25%. Built JIT/VMI segmentation and regression-based forecasting models that reduced global inventory by 25%, improved forecast accuracy by 20%, and freed $X M in OPEX.  **Integration & Operational Cost Optimization**: Automated real-time order and inventory synchronization with ERP systems—eliminating manual processes, boosting order accuracy to 99%, and cutting order-cycle times by 30%, saving $X K per month. Led cost-to-serve analyses and system rationalization (Windows→ Linux migrations, data archiving), driving a 15% reduction in OPEX and a 10% improvement in throughput. |

**Work Experience**

**LinkedIn | Business Analyst & Sr. Software Engineer (Contractor),** Mountain View, CA. October 2024 to Present

Own and ship full-stack features for LinkedIn’s internal Employee Productivity Platform, serving 28K+ employees. Partner with Product, UX, and IT Service Management (ITSM) to define roadmaps, build APIs and dashboards, and iterate on user feedback—delivering measurable business impact.

**Specific Contributions:**

* **Product Development - Employee Productivity Platform: Stakeholder Discovery & Requirements:** Led workshops with support leads and ITSM teams to capture 30+ user stories and define acceptance criteria for our internal Q&A chatbot. **Backlog Prioritization & Delivery:** Translated requirements into a prioritized feature backlog; drove end-to-end development of five Python microservices for ticket resolution, knowledge-based search, and administrative tasks**.**

**Metrics & Adoption:** Defined KPIs (adoption rate, MTTR baseline) and tracked progress in real time—achieved 65% adoption in two months and reduced MTTR by 45%.

* **Engineering Excellence & Process Automation: Process Analysis & KPI Targets:** Analyzed legacy build and failure metrics to set targets (40% faster builds, 99.9% uptime). **Solution Design & Modernization:** Consolidated three Java codebases into a unified Python/FastAPI platform—decommissioned three VMs and freed one FTE from maintenance**.**

**Workflow & Monitoring:** Migrated data-pipeline daemons into Temporal workflows, implemented CI/CD enhancements and automated health-check dashboards—eliminating 95% of failures, reclaiming eight engineer-hours/week, and boosting pipeline reliability to 99.9% uptime**.**

**RFXCEL** | **Tech lead – Business Analyst – Supply Chain,** San Ramon, CA May 2023 – Dec 2024

Fast-tracked from summer intern to Tech Lead, partnering with Sales Engineering and global clients (Walgreens, AbbVie, Cardinal) to define requirements, lead cross-functional teams, and deliver supply-chain analytics and automation solutions—driving 25–45% efficiency gains and generating $X M in new revenue.

**Specific Contributions:**

* **Product Development – Legacy Platform Enhancements: Stakeholder Discovery & Requirements:** Led workshops with Walgreens and its distributors to map escalation workflows and define 20+ user stories and acceptance criteria. **Solution Delivery**: Developed Java Spring Boot REST APIs and an Angular UI for real-time exception-rule configuration—empowering users to define alerts on the fly, cutting resolution time by 40%, and reducing operational losses by $X K/year.

**SAP Integration & SLAs:** Captured order-handoff requirements with AbbVie IT, documented data models and SLA targets, then developed a Java Spring Boot public API to automate 100% of order handoffs—eliminating errors, ensuring data accuracy, and saving $X K/month in labor

* **Product Development – Supply Chain Analytics & Dashboard: KPI Definition & Prioritization:** Ran on-site sessions with Bahrain MoH to identify 8 core supply-chain metrics and prioritize feature backlog. **End-to-End Delivery**: Despite ambiguous requirements and no pre-existing data infrastructure, I architected a secure data pipeline that migrated critical SQL→ Elasticsearch ETL pipeline and collaborated on a Kibana dashboard. Reduced data-query latency by 50%, boosted operational efficiency by 25%, and upsold $X M in platform extensions to pharma clients**.**
* **Enterprise Analytics & Reporting Solutions - Profitability & Cost-Optimization Dashboard:** Ran discovery workshops with Finance & Ops to define segmentation and cost‐driver KPIs for Windows→ Linux migrations and cold-storage archiving. Built Tableau dashboard for senior leadership team—reducing OPEX by 15%, improving system performance by 10%, and saving $X K annually**.**

**Vvf India Limited** | **Manager Data Analyst – Supply Chain**, Mumbai, India. Dec 2017 to Aug 2022

As the Manager Supply Chain led several key projects that optimized the supply chain process, improved manufacturing efficiency, and successfully passed internal audits by McKinsey. Achieved global inventory reduction and led the SAP GST Implementation.

**Specific Contributions:**

* **SAP:** Led SAP S/4HANA MM module implementation for GST compliance—configured PR/PO, GR/IR, STO, and consignment processes to automate vendor billing and improve reconciliation accuracy.
* **Global Inventory Reduction:** Developed and implemented a strategic inventory segmentation framework using quantitative analysis and common supply chain heuristics such as Just-In-Time (JIT) and Vendor Managed Inventory (VMI). This initiative optimized stock levels and resulted in $X million in savings and a 25% overall reduction in global inventory.
* **Forecasting & Demand Planning:** Optimized demand planning cycles by collaborating with sales, operations, and finance teams using advanced Excel functions for data analysis. Conducted monthly S&OP reviews, integrating market trends, historical data, and supplier constraints through forecast models. Improved forecasting accuracy by 20%, reduced stockouts, and enhanced on-time delivery performance through scenario modeling with Excel Solver, ensuring optimal resource allocation.

**Earlier Career | Supply Chain Analysis & Operations** Kolkata / Noida / Ranchi / Gurgaon April 2009 – Nov 2017

**Specific Contributions:**

* **Procurement Analytics & Demand Planning (India Power Limited):** Developed SQL-driven BOM and MRP dashboards in SAP ECC— modeling work orders and material masters to improve production planning accuracy by 20%.
* **Logistics Optimization & Vendor Performance (Bajaj Energy Limited):** Analyzed freight routes, carrier lead times, and supplier KPIs for RO/MB and cooling-tower sites; reengineered logistics schedules and vendor mix to cut delivery lead times by 20% and save $X K annually in transport costs.
* **Project Scheduling & KPI Reporting (Abhijeet Projects Limited):** Built L1–L3 Gantt schedules in MS Project and automated “plan vs. actual” dashboards in Excel, tracking material‐dispatch and budget‐variance KPIs—ensuring 98% on-time delivery and holding cost overruns under 1%.
* **Market Analysis & Supplier Segmentation (Airox Nigen):** Conducted demand forecasting and supplier‐segmentation analyses to diversify the vendor base; created interactive pivot dashboards to evaluate cost, capacity, and quality metrics—driving a 15% increase in qualified supplier engagement and expanding capacity by 10%.

**Skills**

**Functional:** Data Analysis, Dash Boarding, Data Optimization, Process Mapping, Process Optimization, Delivery Presentation, Procurement & Sourcing, Logistics & Distribution Management, Process Improvement, SDLC

**Technical:** SAP, Tableau, Elasticsearch, MS Excel, Java, Python, Agentic AI, MySQL, Kibana, AWS, Azure, Git

**Education and Academic Background**

**California State University East Bay**, Hayward, CA

**M.S. in Business Analytics**, Aug 2022 to Dec 2023

**Sathyabama Deemed University** Chennai, India

**B.Tech. in Chemical Engineering (Major)**, Aug 2005-April 2009 | **Computer Science & Engineering, (Elective)** Aug 2006–April 2009