

BENJAMIN KRETLOW

Digital Transformation | AI in Supply Chain | Process Automation
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PROFESSIONAL SUMMARY

Digital transformation leader bridging supply chain expertise with cutting-edge AI and automation capabilities. Architect of end-to-end automated systems including predictive analytics platforms, custom React dashboards, and AI-powered procurement tools that reduced manual processing time by 70%. Deep practical experience leveraging generative AI (Claude, Gemini, Microsoft Copilot), business intelligence platforms (Power BI), and modern data tools (Python in Excel) to transform traditional supply chain operations. Combines \$235M+ procurement leadership experience with hands-on technical implementation skills to deliver measurable digital transformation outcomes.

CORE COMPETENCIES

Generative AI & Large Language Models (LLMs) • Machine Learning Applications • Process Automation & Workflow Optimization • Custom Dashboard Development • Business Intelligence & Data Analytics • Predictive Analytics & Forecasting • Digital Transformation Strategy • Supply Chain Technology Integration • ERP-to-BI Pipeline Development • AI-Powered Procurement Tools • Data Visualization • Strategic Sourcing & Procurement • Sales & Operations Planning (S&OP) • Supplier Performance Analytics • Change Management • Cross-Functional Collaboration • Lean Six Sigma • Agile & SCRUM

TECHNICAL SKILLS

AI & Generative AI Platforms: Claude, Claude Code, Gemini, Microsoft Copilot, GitHub Copilot, Large Language Models (LLMs), Prompt Engineering

Data Analytics & Business Intelligence: Microsoft Power BI, Python in Excel, Power Query, Advanced Excel, Predictive Analytics, Data Visualization, Statistical Analysis

Development & Dashboards: React, Custom Dashboard Development, Workflow Automation, API Integration, Real-Time Analytics Platforms

ERP & Enterprise Systems: Infor XA, SAP, Syteline, ERP-to-BI Data Pipelines

Productivity & Collaboration: Microsoft 365 Suite, Microsoft Teams, SharePoint, Project Management Tools

DIGITAL TRANSFORMATION PROJECTS

- **Supply Performance Analytics Platform:** Architected end-to-end data pipeline connecting Infor XA ERP to Claude AI processing, with output displayed in a custom React-based dashboard providing real-time supply chain visibility to leadership.
- **Automated Stocking Strategy Tool:** Built AI-powered application to optimize inventory positioning and stocking decisions, leveraging predictive analytics to reduce stockouts and excess inventory.
- **Daily Parts Flow Reporting Automation:** Replaced manual reporting process with automated AI-driven workflow, providing real-time visibility into parts movement and reducing report preparation time by 70%.
- **Planning Workbench Metrics Dashboard:** Designed automated Power BI dashboard for planning metrics, eliminating manual data compilation and enabling proactive supply chain decision-making.
- **Procurement Reporting Suite:** Implemented Python in Excel and generative AI tools (Claude, Gemini, Copilot) to automate procurement reporting, predictive analytics, and spend analysis workflows.

PROFESSIONAL EXPERIENCE

Supply Chain Manager | BW PAPERSYSTEMS - Cockeysville, MD | *February 2023 - Present*
North America Commodity Leader (Concurrent Role) | *August 2024 - May 2025*

- Architected and deployed AI-powered automation initiatives that transformed supply chain operations, including an automated stocking strategy tool, daily parts flow reporting system,

planning workbench metrics dashboard, and a comprehensive supply performance analytics platform built with React and Claude Code.

- Pioneered adoption of generative AI tools (Claude, Gemini, Microsoft Copilot) and Python in Excel to streamline procurement reporting, predictive analytics, and data analysis workflows, reducing manual processing time by 70%.
- Built custom Microsoft Power BI dashboards integrating Infor XA ERP data with AI-driven analytics, providing leadership with actionable business intelligence on supplier performance, inventory optimization, demand planning, and cost-saving opportunities.
- Lead change management initiatives to drive AI and automation adoption across procurement teams, providing mentoring on new tools and processes to maximize technology ROI.
- Own the supply chain connection portion of the Sales & Operations Planning (S&OP) process, leveraging data analytics to align demand planning, procurement, and inventory programs with cross-functional stakeholders.
- Lead procurement programs for direct and indirect commodities across North America, managing \$235M in annual spend and delivering significant cost savings through strategic negotiations and data-driven supplier optimization.
- Utilized advanced market analysis and predictive forecasting to anticipate price trends, providing actionable insights to senior leadership and delivering TCO improvements.
- Built strategic supplier relationships driving ~10% improvement in on-time delivery while mitigating supply chain disruption risks.
- Established and lead a multi-site procurement organization, designing frameworks and technology-enabled processes to standardize operations across business units.

Supply Chain Professional | BW PAPERSYSTEMS - Cockeysville, MD | *November 2021 - February 2023*

- Leveraged market demand data, cost dynamics, and commodity intelligence to drive negotiations and streamline procurement processes for improved cost efficiency.
- Strengthened the nationwide supplier network through partner development efforts, securing additional manufacturing capacity with \$11M in finalized contracts.
- Achieved \$120K in cost savings from a \$1M annual expenditure by leading data-driven supplier development projects as SME for electronic laboratory supply procurement.

Automation Systems & Data Specialist | ABB INC. - New Berlin, WI | *March 2021 - May 2021*

- Led Phase 1 and Phase 2 of a \$500K automation project, implementing enhancements to DC screwdriver, machine vision, and operator-driven stations, resulting in improved production process KPIs.
- Managed RFP/RFQ processes for advanced technology products including robotics integrators, smart tool distributors, and 5G services.
- Secured discounted pricing across multiple RFP rounds through strong negotiation and technical evaluation.

Manufacturing Manager - Machine Assembly | Sharp Packaging By Pregis - Germantown, WI | *August 2021 - November 2021*

- Directed IIOT (Industrial Internet of Things) technology adoption to reduce labor costs while increasing capacity and value.
- Integrated Lean methodologies and continuous improvement practices to optimize manufacturing processes and procurement workflows.

Procurement Lead Analyst | Sharp Packaging By Pregis - Germantown, WI | *May 2021 - August 2021*

- Reduced orphaned part numbers by ~50% through systematic data scrubbing and aligning Syteline ERP data with SAP systems.
- Supervised a team of seven, achieving 75% same-day dock and clear record and ~90% same-day order fulfillment.

Procurement Lead | ABB INC. - New Berlin, WI | *October 2019 - February 2021*

- Directed and mentored a team of 10 specialists and buyers, leading the SCM PMO to adopt SCRUM and Agile methodologies.
- Secured \$100K in annual cost savings through proactive identification of operational inefficiencies and process standardization.

Logistics Service Delivery Project Manager | ABB INC. - New Berlin, WI | *May 2019 - October 2019*

- Launched a third-party warehousing function, reducing idle time and resulting in annual savings of \$173,472.

ADDITIONAL PROFESSIONAL EXPERIENCE

Coordinator of High School & Youth Ministry (Part-Time) | St. Michael the Archangel Parish - Baltimore, MD | *May 2025 - Present*

- Manage program planning, budget, volunteer team development, and multi-channel communications for youth ministry serving 50+ students.

EARLIER EXPERIENCE

Operations Supervisor | ResCare - Milwaukee, WI | *2018 - 2019*

Talent Development Specialist | ResCare - Milwaukee, WI | *2018*

Partner / Project Manager | The Tangerine Groups Inc. - Milwaukee, WI & Shanghai, China | *2017 - 2018*

EDUCATION & CERTIFICATIONS

Bachelor of Arts | University of Wisconsin-Superior - Superior, WI

- **Certified Lean Six Sigma Professional - Black Belt** | 2022
- **Certified Scrum Master** | 2023
- **Certified Lean Six Sigma Professional - Green Belt** | 2018