BILL EVANS, MBA

SENIOR MECHANICAL ENGINEER

Data Science, AI, and Product Engineering

316-619-3325

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Kansas City, KS

TECHNICAL SKILLS

- Applied Machine Learning & Predictive Analytics
- Statistical Process Control (SPC)
- Hadoop, Hive, Apache Spark, Dataiku, APEX, Full Stack Development experience
- Python (Flask, Jinja2), Dataiku
- Analytics & AI Enablement (Training, Adoption, Change Management)
- Program Execution & Cross-Functional Technical Leadership
- Executive Communication & Stakeholder Alignment

LEADERSHIP

- Translates mission into results
- Builds high-performing teams and partnerships
- Drives quality, throughput, and operational productivity
- Delivers measurable business impact

EXECUTIVE SUMMARY

Senior technical leader with 8 years at Honeywell, with increasing responsibility across data science, AI-enabled tools, and analytics platforms supporting manufacturing systems. Known for translating mission objectives into clear roadmaps, then delivering results through cross-functional execution and a consistent delivery cadence. Early contributor to enterprise Big Data initiatives, delivering decision-support tools used daily across multiple departments. Trusted leader in highly regulated environments, focused on quality, throughput, and operational productivity.

PROFESSIONAL EXPERIENCE

Senior Mechanical Engineer / Technical Lead – Data Science & AI | 2023–Present

Honeywell Federal Manufacturing & Technologies (FM&T)

- Contributed to the Merlin project RAG team by building chunking code and evaluation tests to improve response quality and reliability.
- Led development and deployment of analytics tools supporting manufacturing decision-making and real-time operational visibility.
- Developed an automated weld qualification tracking system generating $300K–$600K in annual savings through improved compliance and process efficiency.
- Led multiple Product Realization Teams from development through production, driving cross-functional execution and on-time delivery.
- Managed multiple account projects, serving as CAM and Project Lead.
- Built a Dataiku-integrated Flask application; enabling secure, scalable internal analytics applications.
- Mentored engineers in applied statistics, automation, and analytics workflows, accelerating adoption of data-driven practices.
- Built a Python computer-vision application (OpenCV, Pillow) that automated process monitor marking, dramatically reducing engineering effort and improving consistency.
- Developed early-warning analytics to catch process issues sooner, strengthening reliability and overall performance.
- Delivered $1.85M in cost savings, earning nominations for STARR and Outstanding Engineering Awards.
- Replaced error-prone manual workflows with automated dashboards, improving data accuracy and operational efficiency.
- Secured project funding and delivered proof-of-concept technology supporting advanced manufacturing inspection.

Mechanical Engineer III | 2019 – 2023

Mechanical Engineer II | 2017 – 2019

- Modernized legacy VBA-based tools by transitioning to Python/Jinja2 automated reporting systems for PID, shipment, and NCR tracking.
- Designed and delivered Python-based reporting and analytics platforms supporting daily users across 6 departments for 7+ years.
- Led development of an AR/VR-enabled inspection prototype in collaboration with Wichita State University, enabling digital annotation and traceability.

Mechanical Engineer / Technical Lead | Jan 2014 – Jun 2017

Kimberly-Clark

- Led cost-reduction initiatives delivering up to $4M in annual savings.
- Implemented advanced manufacturing technologies generating $160K+ in savings.
- Championed adoption of additive manufacturing, reducing material waste by $800K+.
- Directed multi-million-dollar capital projects, leading cross-functional teams of mechanics, electricians, and engineering disciplines to deliver complex installations on compressed timelines.

EDUCATION

Master of Business Administration (MBA)

Texas A&M University–Commerce | 2016

Bachelor of Science, Mechanical Engineering

Brigham Young University–Idaho | 2013

SOLVE COMPLEX PROBLEMS. BUILD SMARTER SYSTEMS. DELIVER RESULTS.

WEB SYSTEMS & MANAGED SITES

Additional product, web-development, and business-impact proof: built, rebuilt, or continue to manage live public sites across fiduciary services, family office advisory, personal-development content, and ecommerce. The site also highlights $1.85M in documented Honeywell savings and a Kimberly-Clark multi-plant invention/technology contribution saving $850K+ per year.

ironwoodstrust.com

TRUST AND FIDUCIARY SERVICES SITE

Modern lead-generation surface for private trust administration, investment oversight, family-office coordination, client-login routing, service pages, insights, and trust-audit calls to action.

groco.com

FAMILY OFFICE AND ADVISORY PLATFORM

Ongoing web management and positioning for a multi-family-office, tax, podcast, article, and interview ecosystem serving founders, families, and advisory clients.

mypaths.com

GUIDED LIFE-PATH AND AI COACHING PRODUCT

Interactive content platform organized around home, career, family, and faith maps, lesson libraries, account flows, and deeper AI-guided planning concepts.

elkieco.com

ECOMMERCE BRAND AND GROWTH STORY

Supported the online brand and commerce presence for Elkie & Co.; helped grow the startup to more than $3M in sales in under five years.