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 & Precisive Analytics
- Statistical Process Control (SPC)
- Hoop, Hive, Apache Spark, Dataiku, APEX, Full Stack Development Experience
- Python (Flask, Jinjai2), 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 (FMST)

- 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 operations.
- 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 in Data-integrated Flask application; enabling secure, scalable internal and external communication.
- 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 a framework for 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 (BA-based tools for transitioning to Python/Jinjai2 automated engineering systems) – Department, and NCR tracking.
Designed and delivered Python, barbacoa, 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.
Champion adoption of additive manufacturing, reducing material waste by $800K+
Directed multi-million-dollar capital projects, leading cross-functional teams of mechanics, electricals, 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 & BUSINESS IMPACT

Additional proof beyond the one-page resume: public web systems, business-impact signals, and product work that connects software delivery to measurable operating results.

$1.85M
DOCUMENTED HONEYWELL SAVINGS

$850K+/yr
MULTI-PLANT KC SAVINGS

$3M+
ELKIE & CO GROWTH

ironwoodstrust.com

TRUST AND FIDUCIARY SERVICES SITE

Lead-generation and service surface for trust administration, investment oversight, family-office coordination, client routing, 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 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.

Positioning: mechanical engineering depth, applied AI and analytics, public web execution, automation, and technical leadership under real operating constraints.