



Professional Summary

Results-driven executive with extensive experience in engineering, business development, and operations management. Proven track record of scaling businesses, optimizing manufacturing processes, and leading high-performance teams. Expertise in KPI development, facility/operation design, and strategic growth initiatives across multiple industries, including automotive and advanced agriculture. Skilled at optimizing processes and fostering partnerships to deliver measurable results.

Core Competencies & Values

- **Strategic Leadership:** Scaling operations and securing high-value partnerships.
- **Operational Excellence:** Boosting efficiency via KPI tracking, lean processes, and ERP integration.
- **Data-Driven Growth:** Leveraging analytics for performance optimization and profitability.
- **Team & Financial Management:** Guiding teams and allocating capital for sustained success.

Experience

Auto Electric International Jul 2023 – Present | Southfield, MI

Vice President of Engineering & Business Development

- Executed business rebrand and market expansion, securing and expanding key client partnerships.
- Implemented ERP system, increasing automated KPI oversight and boosting operational efficiency.
- Managed high-profile sales accounts, growing revenue through strategic upselling and cross-selling.
- Spearheaded R&D for a novel product, advancing from viability to quoting in weeks.
- Revamped manufacturing FMEAs, Control Plans, and Work Instructions to optimize production processes.

Perfect Harvest LLC Sep 2020 – June 2023 | Longview, WA

Co-Founder & Chief Operating Officer

- Scaled business from 15 to 250 employees, operating 9 sites across 4 states, 7 direct reports, 220 indirect reports.
- Played a key role in securing over \$15M in funding for projects, developing budgets, launch plans, and financial schedules for proformas.
- Led facility design, including floor plans, MEP systems, and grow room specifications for all sites, including two ground-up builds valued at \$6M and \$10M each.
- Oversaw all business operations, including financial planning, supply chain management, and compliance.
- Developed KPI tracking systems and data analytics tools to monitor and optimize performance against company goals.

Tesla Jul 2018 – Sep 2020 | Reno, NV

Manufacturing Equipment Engineer

- Oversaw 22 automated assembly cells on drive unit final assembly line, ensuring high uptime, availability, and yield.
- Optimized cell cycle times across 50+ cells, boosting throughput by over 25% through innovative process resequencing.
- Improved production line OEE from 30% to over 60% through mechanical upgrades and system logic enhancements.
- Designed and implemented custom hardware solutions to resolve recurring machine issues, including installation and logic modifications.
- Executed 3 headcount reduction projects, cutting resource needs by 5 through enhanced station efficiencies.
- Served as lead production engineer for a new production line launch, including design reviews through PPAP and SOP.

Interests

Business: Driving business strategy and growth, promoting sustainability, delivering customer and planetary value, optimizing processes, and empowering employees.

Personal: Dedicated father and husband, avid adventure traveler, snowboarder, golfer, car racing enthusiast.

Education

University of Michigan – Ann Arbor Graduated: May 2018

- Bachelor's degree – Mechanical Engineering
- Minor – Electrical Engineering