

Versatile Senior Program Management Executive | Strategic Partner with recognized success in agile and sequential product development. Bilingual in English and Spanish, with demonstrated leadership in launching innovative robotic, electro-mechanical, hardware, and software solutions that drive business growth for international companies, achieving annual sales of \$250 million.

Successfully managed global product, operational, and strategic portfolios with annual investments of \$75 million, transforming underperforming product development operations into high-efficiency systems and reducing time-to-market by 60%. Passionate about talent development, building, and leading high-performing teams of 180 members.

Education and Professional Development

Master of Artificial Intelligence (Expected - 2025) – The Pennsylvania State University

Master of Finance – The Pennsylvania State University

Master of Business Administration – The University of Texas at El Paso

Master of Science in Manufacturing Engineering – The University of Texas at El Paso

Bachelor of Science in Mechanical and Industrial Engineering – Tecnológico de Monterrey, Mexico

Selected Certifications

- Project Management: PMP, PgMP, PfMP (Portfolio Management), PMI-RMP (Risk Management), PMI-ACP (Agile) – PMI
- Quality and Agile Practices: CSSBB (Six Sigma Black Belt) – ASQ; CSM, CSPO (Scrum) – Scrum Alliance

Selected Advanced Programs

- Technology and Innovation: AI and Machine Learning Program – UT Austin; Data Monetization Strategy – MIT Sloan
- Leadership and Strategy: Business Strategy and Competitive Advantage – Cornell; Sustainable Strategy, Disruptive Strategy – Harvard Business School

Professional Experience

iRobot, Houston, TX (Remote)

2021 – 2024

SENIOR DIRECTOR OF ENGINEERING OPERATIONS | CHIEF OF STAFF

Led initiatives to enhance R&D communications, minimize waste, and leverage data for decision-making. Drove R&D strategy for global site expansion and vendor partnerships, ensuring alignment with organizational goals and maintaining high operational performance standards. Supported ERP implementation and strategically expanded R&D to low-cost regions while retaining specialized core engineering domestically.

- Championed operational excellence in R&D by implementing an OKR system, increasing goal deployment from under 20% to 80%. Established Agile metrics to drive alignment with strategic objectives.
- Improved vendor selection and optimized process while reducing vendor costs: Achieved over \$3 million in savings and reduced annual software costs by 10% through strategic supplier consolidation and rate negotiations.

Symbotic, Houston, TX (Remote)

2020 – 2021

DIRECTOR OF PROGRAM MANAGEMENT

Standardized and optimized PMO processes across technical and non-technical engineering functions for a company specializing in automated warehouse systems. Directed a portfolio of advanced automation projects, including autonomous robotics, machine vision, and warehouse software upgrades, while addressing Walmart's \$5B backlog with improved program management practices.

- Played a critical role in meeting the needs of an anchor client, Walmart: Supported addressing a \$5B work backlog by contributing to high-value robotic platforms development and technology management for building Walmart's NA warehouse distribution centers.
- Elevated the performance of Technical Program Managers by standardizing PMO policies, implementing risk reporting frameworks, and introducing Agile methodologies. Achieved 95% adherence to new risk management protocols.
- Significantly improved project forecasting, scheduling, and management: Implemented MS Project Online as the single source of truth, loading 100% of critical projects while training over 50 stakeholders and PMO staff in scheduling best practices to improve project completion rates.
- Enhanced collaboration between hardware and software developers: Aligned SDLC and product development processes across mechanical, electrical, software, and embedded control functions.

Schlumberger, Houston, TX

2015 – 2020

PROJECT GOVERNANCE MANAGER (2019 – 2020)

Promoted to set governance processes to manage EPC projects with values as high as \$250 million for the world's largest offshore drilling company. Optimized controls in cost, scheduling, scope, and quality while driving improvement in risk management, performance management, and operational excellence.

Schlumberger (continued)

- Optimized PMO performance by overhauling global PMO processes, integrating new tools, transitioning to a modern PMO framework, implementing a global change control system, and providing training that enabled Schlumberger to provide the right product at the right time while accurately predicting the impact in project cost, schedule, scope, delivery, and quality.
- Enhanced the performance of hundreds of engineers by prioritizing projects, allocating budgets, and implementing change management to align with strategic goals. Introduced dashboards and reporting tools to enable data-driven decision-making and optimize project outcomes.

MANAGER, NPD PROJECT MANAGEMENT AND OPERATIONS SYSTEMS MANAGER (2015 – 2019)

Led new product and technology development lifecycles, facilitating integration with market offerings and guiding project management processes. Managed a \$75 million budget targeting \$250 million in sales, aligning program efforts with the product roadmap, and supporting major drilling clients.

- Spearheaded creation of an NPD PMO Group: Streamlined processes, enhanced NPD, and accelerated tech adoption, achieving 90-100% milestone delivery while surpassing most company segments.
- Built a world-class PMO team with 90% PMP and Agile certified managers: Provided training, developed digital dashboards, and introduced innovative work practices to track team performance accurately.
- Provided sound financial management: Cut \$20 million in expenses by aligning portfolios with strategy, improving budget compliance from 50% to 95% through proactive risk management.
- Implemented new ways of working in the drilling division utilizing change management principles: Positively impacted quoting, sales, and maintenance productivity, enabling alignment with Schlumberger's evolving business model.

Pentair, Houston, TX

2012 – 2015

PROGRAM MANAGER, NEW PRODUCT DEVELOPMENT

Optimized new product development in the industrial valves and automation division, partnering with Finance, Supply Chain, Engineering, and Product Management teams to deploy a fully standardized NPD process globally.

- Led a multinational team to implement best practices, achieving 90% of milestones and generating \$100 million in annual revenues.
- Set the stage for continuing improvement in new product development: Designed the first fully standardized financial performance and deliverables control – New Product Development process deployed globally across the Valves and Controls Business Unit.
- Boosted new product and technology development: Deployed continuous improvement processes and implemented new portfolio and program practices, planning and leading product development to generate \$100 million in annual revenues.
- Effectively managed change on a global scale: Moved production lines to India from Europe, relocated HQ to Switzerland, and launched an assembly facility in Saudi Arabia, strengthening regional operations.
- Saved time and money: Reduced average time-to-market for new products by over 60% and delivered \$80 million in savings by implementing a Global Pricing List System.

Additional Professional Experience:

CAE Healthcare, Quality Manager

PTC, Project Manager, Global Services Consulting

Teleflex, Inc., Program Manager, Marine Division

Fujitsu Ten, Program Manager

Foster Electric, Quality/Program Manager

Core Competencies and Skills

Product Development and Execution:

NPD, Portfolio and Program Management, Technical Program Management, Risk Management, Agile, Scrum, Hybrid Project Management, Design for Six Sigma.

Operations:

Manufacturing, P&L Oversight, Cost Containment, Quality Assurance, Lean, Kaizen, Toyota Production System, Process Improvement, Vendor Management.

Technology and Data Systems:

Cloud Computing, SaaS, AI/ML, Robotics, SDLC, System Implementations, Python, Tableau, Data Analytics and Visualization.

Industry Experience:

Robotics, Automated Warehouse Systems, Tier One Automotive, Marine Electronics, CAD and PLM, SaaS, Modeling and Simulation, Medical Devices, Industrial Valves, Oil Field Services, Laboratory and Industrial Equipment.