

PROFESSIONAL SUMMARY:

Technical Program Manager with 12+ years of experience leading cross-functional teams across engineering, product, and operations. Proven success leading \$200M+ portfolios through complex technical environments, improving delivery velocity, and resolving systemic blockers. Skilled in improving delivery, vendor management, stakeholder alignment, and process optimization.

WORK EXPERIENCE:

The Boeing Company

Technical Program Manager – Regression Analysis & Systems Delivery Team September 2024 – Present

- Facilitate the cross-functional Regression Analysis Board, coordinating with system owners to review and approve SW/HW regression test plans and outcomes
- Use Jira to coordinate task execution, track team progress, and communicate delivery status across stakeholders and leads
- Reduced regression cycle throughput time by ~10% by applying agile practices to various process and work instructions

Systems Engineer – Quantum Systems April 2022 – September 2024

- Performed functional use case analysis and decomposition using MBSE tools such as Cameo
- Responsible for requirement development, derivation, and maturation through controlled processes using DOORS

Technical Lead Engineer – Propulsion & Pump Systems April 2020 – April 2022

- Delivered propulsion system projects from concept through integration, coordinating internal teams and external vendors across design, integration, testing, and on-orbit support
- Led delivery of cross-functional milestones by aligning engineering, design, and supplier teams, while proactively resolving interdependencies and roadblocks
- Developed the function's long-range business plan and multi-year technical roadmap to align with strategic business priorities
- Oversaw the successful deployment of a development program from the design to delivery phase
- Managed a team comprised of 14 engineers, optimizing resource allocations to improve program lead times and efficiency

Technical Program Manager – Platform Module Subsystems Dec 2017 – April 2020

- Managed a \$225M portfolio of 14 programs, leading cross-functional teams using hybrid methods to successfully deliver hardware and software on schedule and within budget
- Led regular cadence of stakeholder communication, including executive reporting on program roadmaps, financials, and key performance parameters including variances to EVM
- Created workflow metrics to track product readiness, improve delivery velocity, and reduced our recurring bid costs by 7%
- Created and managed project Statements of Work (SOW) and Work Breakdown Structures (WBS) to define project scopes
- Facilitated value stream mapping workshops that resulted in reduced touch labor by 100 hours per program on average

Product Owner – Propulsion Products May 2014 – Dec 2017

- Owned development and delivery of product lines focused on achieving performance, schedule, and cost targets
- Led vendor sourcing, trade studies, contract negotiations, nonconformance closures, and performance validations
- Performed analyses of hardware and system level performance with the use of Python, MATLAB, and Excel VBA

ADVISORY AND INDEPENDENT PROJECTS:

Beehive (AI-Powered App Development Startup)

Consultant Technical Program Manager (Part Time) January 2025 – November 2025

- Led delivery operations for an early-stage AI startup building a no-code platform to generate and deploy custom web apps based on user-defined prompts
- Owned sprint planning, backlog management, and Jira workflows across a distributed team of 2 founders and 3–5 contract devs
- Coordinated MVP delivery through Agile sprints, aligning scope and timelines with product goals while tracking velocity and surfacing execution risks
- Supported CI/CD operations leveraging GitHub Actions and Vercel, including roadmap creation, milestone tracking, and iterative deployment
- Helped shape delivery cadence and technical planning across a modern stack (Next.js, Tailwind CSS, Neon DB, Claude API)
- Oversaw iterative delivery of three core product modules; prompt intake, AI agent integration, and CI/CD deployment, aligned with phased go-to-market milestones along with initial road mapping of two future features
- Introduced roadmap visualization, sprint summaries, and a feature prioritization board based on founder feedback and early no-code user journey mapping, improving internal coordination and contractor onboarding

SKILLS:

Jira • Confluence • MS Project • MS Office • GitHub Actions • Vercel • Next.js • Tailwind CSS • Claude API • DOORS • Python

EDUCATION & CERTIFICATIONS:

M.S., Astronautical Engineering, University of Southern California (USC)

B.S., Aerospace Engineering, California State University, Long Beach (CSULB)

Project Management Professional (PMP), Certified Scrum Master (CSM)