

Michael Murphy

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Product Leadership | Innovative Design | Human-Focused Engineering | Technical Problem Solving

Career Profile

Highly knowledgeable, deeply experienced, and strategic senior product owner well regarded for leveraging relationship building, communication and cross-functional organizational skills to deliver and enhance innovative technology solutions. Data-informed and customer-focused product ownership expert with a proven history of motivating high-performing teams and key stakeholders to dismantle barriers, mitigate risk, and identify opportunities. Increase positive outcome rates by rapidly identifying unique requirements, establishing rapport with all relevant parties, and following through on all aspects of project management. Organized and a keen eye for detail, with demonstrated ability to prioritize and manage multiple projects simultaneously in the defense sector. Leverage strong interpersonal skills to foster long-lasting relationships while thriving in fast-paced, collaborative, and multi-layered environments.

Core Competencies

- Tech Product Development Oversight
- Customer Experience Improvement
- Multi-Disciplinary Team Leadership
- Strategic Planning and Execution
- Cost and Time Saving Opportunities
- Budget Management/Forecasting
- Digital Transformation Strategy
- Standards Compliance
- Systems Engineering
- Agile Methodology
- Design Thinking
- UX/UI Design

Professional Experience

LOCKHEED MARTIN, FORT WORTH, TX, NOVEMBER 2021 TO PRESENT

PRODUCT OWNER, SR. SYSTEMS ENGINEER

- Aligned the full lifecycle design and delivery of an application front-end for development teams to package and transport software dependencies with delivery standards, SBOM best practices, and CMMC standards.
- Charted a successful course for an enterprise synchronization and integration pipeline by overseeing feature request processing and driving adherence to program software development life cycle processes and standards across product teams.
 - Carefully assessed customer priorities and allocated resources, enabling the under-budget delivery of an enterprise product that consistently met user needs.
 - Propelled timely implementation of critical features and fixes by incorporating Scaled Agile Framework (SAFe) within team efforts, empowering forecasting accuracy and the ability to deliver large capability sets.
- Fueled an 80% reduction in new installation and upgrade time by automating and modernizing enterprise Product Lifecycle Management (PLM) tools.
 - Drastically cut the time necessary for engineering teams to access new features and performance improvements from months to days by successfully managed project costs and schedules.
 - Secured outcomes matching given metrics and acceptance criteria, flowing from seamless integration made possible by adept liaising among cloud vendors, commercial software vendors, and internal stakeholders.
- Delivered engaging and easily understandable information about complex technical solutions to clients.
- Built and nurtured productive stakeholder relationships to secure win-win outcomes through excellent communication and collaboration.
- Provided actionable product insights by collecting and assessing customer requirements to inform product definition, roadmap, and executive presentations.

LOCKHEED MARTIN, FORT WORTH, TX, JUNE 2019 TO FEBRUARY 2022

INNOVATION INTERACTION DESIGNER, UX LEAD

- Spearheaded all aspects of the creation of a DevSecOps accelerator program focused on measuring and upskilling development teams across the Aeronautics organization.
 - Boosted relevant technical certification attainment 200% YoY through the pinpointing and addressing of skills-gaps.
- Facilitated a reduction in risk and enhanced workflows by formulating and deploying an enterprise Free and Open-Source Software evaluation tool.
 - Achieved a 40% reduction in time to acceptance/rejection, enhancing developer access to modern tools without introducing risk, vulnerabilities, or additional cost.

- Orchestrated each phase of an IT services UX initiative elevating IT request workflows and replacing legacy systems.
 - Lessened the need for individual support teams by 50% through the consolidation of end-user experience to a unified IT request/information site.
 - Uplifted the self-service rate, optimized resource allocation and reduced IT solution redundancies by training and implementing an AI chatbot.
- Nurtured team members, providing them opportunities that support their individual development and improve product management's performance.
- Tracked product and feature statistics and analysis to identify product performance issues and advocate and develop fix plans.

PURDY-MCGUIRE, INC., DALLAS, TX, NOVEMBER 2016 TO JUNE 2019

MECHANICAL ENGINEERING/DESIGN, MEP

- Played a key role in improving REVIT Building Information Modeling by generating engineering floor plans.
- Monitored and contributed to the progress of various projects, programs, and other tasks to ensure timely completion.
- Cultivated productive relationships with all levels of staff, management, and external stakeholders.

Education and Credentials

MASTER OF ARTS (M.A.) IN DESIGN & INNOVATION, 2019; Southern Methodist University, Dallas, TX

BACHELOR OF SCIENCE (B.S.) IN MECHANICAL ENGINEERING, 2018; Southern Methodist University, Dallas, TX

Awards and Honors

- Selected to Lockheed Martin's Emerging Leadership cohort, one of two members of the 2024 class among an organization of ~1,500 employees.

Additional Information

Technical Proficiencies: Adobe creative suite, CAD, JIRA/JQL, AWS, DevOps, GitLab, agile project management, SDLC compliance

Certifications: AWS Solutions Architect Associate, AWS Certified AI Practitioner, Top-Secret Cleared, SAFe DevOps

Interests: Product design/manufacturing, 3D printing, golfing