

Robert Murch

Technical Program and Delivery Specialist | Software Systems Specialist | Remote-first

Professional Summary

Systems-focused software professional with over six years of experience in safety-critical, customer-impacting engineering environments, including long-term success in fully remote roles. Initially focused on hands-on software development, responsibilities expanded over time to include delivery coordination, quality alignment, and cross-functional communication as team needs evolved. Known for operating with a high degree of trust and autonomy, translating between engineering teams and leadership, identifying delivery risk early, and keeping complex technical efforts aligned with business goals. Most effective in roles close to development without being code-centric, with experience spanning delivery coordination, quality alignment, and system-level risk awareness.

Core Competencies

- Remote-first execution with minimal oversight and high accountability
- Agile and Scrum participation (planning, daily scrum, reviews, retrospectives)
- Release planning, delivery coordination, and risk identification
- Cross-functional communication and stakeholder alignment
- Bug triage, quality-driven prioritization, and systems-level analysis
- Engineering-to-business translation and requirements clarification

Professional Experience

TeeJet Technologies — Software Developer I / II

May 2018 – September 2024

Software developer on large-scale agricultural guidance and control systems deployed in production. Primary responsibilities included implementing software enhancements, fixing production bugs, and maintaining long-term system correctness. Beginning in 2020, operated as the sole fully remote engineer on the team, entrusted with significant autonomy and responsibility while consistently delivering reliable outcomes.

- Designed and implemented software enhancements across embedded Linux, C/C++, and Qt/QML components
- Diagnosed and fixed production defects, often requiring deep system-level debugging
- Participated in sprint planning, daily scrum, sprint reviews, and retrospectives
- Occasionally facilitated Scrum ceremonies in the absence of the assigned Scrum Master
- Participated in daily Scrum discussions where bug triage and delivery prioritization were addressed
- Translated technical constraints and system behavior into actionable insight for leadership
- Identified schedule risk early and escalated concerns when commitments were unrealistic
- Collaborated closely with distributed teams, including sustained coordination with Denmark
- Reviewed designs, implementations, and fixes to maintain system quality prior to release

TeeJet Technologies — Senior Software Systems Consultant (Contract)

January 2025 – Present

Re-engaged as a contract contributor following relocation, reflecting trust and continuity of domain expertise. Operates fully remote with a focus on system behavior, quality, and delivery rather than feature volume.

- Provides system-level analysis across legacy and active codebases
- Supports release planning by assessing technical readiness and delivery risk
- Acts as a stabilizing technical presence during high-risk changes and release cycles
- Serves as a communication bridge between engineering teams and leadership
- Works closely with QA to ensure defects, risks, and release readiness are clearly understood

Education

Bachelor of Science in Computer Engineering
Montana State University Billings — 2018

Professional Direction

Interested in roles emphasizing delivery excellence, system quality, and organizational alignment over hands-on coding. Open to opportunities in product ownership, quality leadership, QA-focused roles, customer experience positions, or serving in a Scrum Master capacity where prior hands-on participation and occasional facilitation experience can add value. Committed to continuous learning and open to ongoing education to strengthen effectiveness in these roles, particularly within remote-first environments that benefit from deep technical understanding.

References available upon request