

ROBERT MURCH

Technical Scrum Master
Software Engineer

CONTACT

robertmurchworks.com

contact@robertmurchworks.com

linkedin.com/in/robert-murch-26ba3485

CERTIFICATIONS

PSM II — Scrum.org — 93%

PSM I — Scrum.org — 97%

PSPO I — Scrum.org — 96%

EDUCATION

B.S. Computer Engineering
Montana State University
Bozeman, 2018

TECH STACK

- C++
- QML
- Python
- Shell Scripting
- Embedded Linux
- CAN bus

TOOLS

- Git / SVN
- Jenkins
- Bugzilla
- Review Board
- LeanKit

AI TOOLING

- Claude Code
- Codex CLI
- Gemini CLI

SUMMARY

Software engineer transitioning into Scrum Master roles after eight years of embedded software development. Direct experience facilitating Scrum events, supporting backlog refinement, and helping a long-running engineering organization adapt during its shift toward mature Scrum-based delivery.

SCRUM & AGILE EXPERIENCE

- Worked within a long-lived engineering organization during its transition from traditional development workflows toward mature Scrum-based Agile delivery
- Facilitated Daily Scrums, Sprint Planning, Sprint Reviews, and Retrospectives during periods of Scrum Master absence, gaining hands-on experience running ceremonies for a Scrum team of 7 (1 PO, 1 SM, 5 developers)
- Participated heavily in backlog refinement, user story interpretation, and coordination across development, QA, and stakeholders
- Regularly translated complex technical concepts into stakeholder-friendly communication

PROFESSIONAL EXPERIENCE

TeeJet Technologies

May 2018 – March 2026

Software Developer I/II/III

- Worked extensively in Agile team environments; participated in Sprint Planning, Daily Scrums, and Retrospectives while performing hands-on development work, and served as substitute Scrum Master for six of eight years
- Developed embedded Linux guidance and control systems using C++, QML, and Python
- Performed system-level debugging and cross-component defect investigation within a large production platform
- Created UML-based system models and technical documentation to communicate complex workflows and architecture
- Utilized terminal-based AI tooling to accelerate debugging, legacy system analysis, and technical investigation
- Operated as a remote contractor via Upwork for the final year (Jan 2025 – March 2026) to support final release efforts