

ROBERT MURCH

TECHNICAL SCRUM MASTER | SOFTWARE ENGINEER

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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

EDUCATION & CERTIFICATIONS

- Professional Scrum Master II (PSM II) - Scrum.org - 93%
- Professional Scrum Master I (PSM I) - Scrum.org - 97%
- Professional Scrum Product Owner I (PSPO I) - Scrum.org - 96%
- Bachelor of Science, Computer Engineering - Montana State University Billings, 2018

PROFESSIONAL EXPERIENCE

TeeJet Technologies

May 2018 – March 2026

Software Systems Consultant (Contract)

Jan 2025 – March 2026

- Returned as a remote contractor to support final release efforts for a major production system
- Participated in Sprint Planning, Daily Scrums, and Retrospectives while performing hands-on development work
- Utilized terminal-based AI tooling to accelerate debugging, legacy system analysis, and technical investigation

Software Developer I/II/III

May 2018 – Sept 2024

- 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
- Worked extensively in Agile team environments focused on iterative delivery and continuous refinement

TECHNICAL SKILLS

Tech Stack: C++, QML, Python, Shell Scripting

Systems: Embedded Linux, CAN bus

Tools: Git, SVN, Jenkins, Bugzilla, Review Board, LeanKit

AI-Assisted Engineering: Claude Code, Codex CLI, Gemini CLI