Timothy S. Downs Mullen

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CORE COMPETENCIES

Agile/ SAFe / Scrum

Lean Process Improvement

End-to-End Project Delivery

Team Coaching & Mentorship

Cross-Functional Leadership

Process Automation

Systems Engineering

Security Architecture

Program Management

TECHNICAL SKILLS

Languages: Python, .NET, C#, C++, Java, SQL, HTML, XML, UML, ANSI C

Tools: Jira, Confluence, Salesforce, Selenium, MS Project, Visual Studio, Subversion, DOORS, ClearCase, NUnit, AutoCAD, ProEngineer, Adobe

Methods: Agile (SAFe, Scrum, XP, Kanban), Lean, TDD, Full SDLC

SUMMARY

Results-driven Scrum Master and Senior Systems Engineer with 25+ years of experience in aerospace and financial sectors. Proven record in Agile transformation, Lean optimization, and full lifecycle software delivery. Skilled at fostering high-performing teams, mentoring engineers, and delivering measurable gains in velocity, delivery rates, and ROI. Holds patents in RFID security and automated checklist methods.

PROFESSIONAL EXPERIENCE

Collins Aerospace | Scrum Master / Senior Software Systems Engineer (2019–2025)

- Increased team completion rate 2.5x by focusing on business impact, not just task completion.
- Achieved 98–115% sprint velocities through continuous improvement and coaching.
- Led teams in unified department vision, delivering consistent on-time, on-budget results.
- Mentored team members to align strengths with tasks, sustaining 90%+ on-time delivery.
- Served as Export Classification Lead (JCL2) for department compliance.

Transamerica / TCS | Agile Coach / Scrum Master (2013–2019)

- Guided leadership and teams through Agile adoption, tailoring frameworks to business needs.
- Led innovation sessions producing 9x more ideas than prior methods.
- Built Agile team delivering award-winning initiative for Customer Service Representatives.
- Developed documented SDLC meeting Agile and insurance compliance requirements.
- Headed customer support and train-the-trainer initiatives during rollout.

Rockwell Collins | Lead Project Engineer (2004–2013)

- Delivered a 24-month estimated project in 18 months, boosting company-wide performance.
- Authored Agile Systems Software Development Plan, reducing time-to-market.
- Integrated Lean and TDD into a traditional waterfall environment.
- Led $1M+ in annual projects, meeting budgets and schedules within 10% variance.
- Directed security architecture for connected aircraft, setting new industry standards.
- Received patent for automated checklist methods.

Intermec Technologies | Software Engineer III (2000–2004)

- Introduced Extreme Programming and Agile methodologies company-wide.
- Received patent for RFID security processes.

United States Marine Corps | Intelligence Specialist, Corporal (1988–1992)

- Honor Graduate, Parris Island & Intelligence School.
- Improvise, Adapt, Overcome — Agile since 1775.

EDUCATION

B.S., Computer Engineering – Iowa State University (Graduated with Distinction, 3.5 GPA)