

Pavel Patton

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SUMMARY

Certified **Scrum Master** with seven years of **project development experience**, including more than five years guiding Agile teams delivering embedded electronics and **real time software** for mobility and safety critical products. Facilitates Scrum events, coaches cross functional teams, refines backlogs, coordinates release planning, removes impediments, and translates delivery metrics into concise leadership updates. Partners with Product Owners, Program Owners, Release Train Engineers, Agile coaches, engineering leads, test laboratories, and manufacturing stakeholders across prototype, laboratory, integration, and production readiness settings. Hands on experience includes Jira, Azure DevOps, Microsoft Office, Continuous Integration, Continuous Deployment, DevSecOps, risk management, and **continuous improvement**. Brings practical experience supporting BAU work, technical dependencies, real time testing, and on site collaboration across software, electrical, systems, validation, and manufacturing functions.

EXPERIENCE

Senior Scrum Master, Embedded Vehicle Systems

January 2024 - Present

VectorForge Defense Technologies

Troy, MI

Leads cross functional Agile teams delivering embedded electronic and real time software capabilities for rugged vehicle platforms. Owns Scrum facilitation, delivery visibility, dependency coordination, and impediment removal across laboratory, prototype, and engineering operations.

- Coached embedded teams on **Scrum theory**, **self organization**, and continuous improvement during vehicle feature delivery.
- Facilitated **Sprint Planning**, Daily Scrum, Sprint Review, and **Sprint Retrospective** for cross functional engineering teams.
- Partnered with Product Owners and RTEs on **backlog refinement**, sequencing, dependencies, and delivery priorities.
- Tracked **sprint progress**, blocked work, risks, and milestones through Jira and Azure DevOps dashboards.
- Removed laboratory, prototype hardware, test environment, interface, and approval impediments affecting planned delivery.
- Advanced Continuous Integration, Continuous Deployment, and DevSecOps practices with Agile coaches and engineering leads.

Scrum Master, Mobility Controls

July 2021 - December 2023

Great Lakes Embedded Systems

Novi, MI

Guided Agile delivery for embedded controls and diagnostic features supporting commercial mobility systems. Balanced BAU defects, enhancements, technical dependencies, prototype builds, and release readiness while coordinating engineering, testing, systems, and manufacturing stakeholders.

- Guided embedded controls teams through BAU defects, enhancements, and diagnostic feature delivery cycles.
- Coached engineers on **self organization**, cross functional skills, backlog clarity, estimation, and retrospective follow through.
- Facilitated **Scrum** events and aligned Product Owner expectations with technical debt and sprint readiness.
- Maintained Jira dashboards showing sprint health, impediments, **dependencies**, and **delivery metrics** for stakeholders.
- Coordinated prototype build risks with Scrum Masters, systems teams, laboratories, and **manufacturing** stakeholders.
- Aligned **Azure DevOps** workflows, definition of done expectations, automated checks, and release readiness.

Agile Project Coordinator, Vehicle Electronics

June 2019 - June 2021

Northstar Vehicle Electronics

Auburn Hills, MI

Coordinated vehicle electronics and embedded software development across engineering functions. Supported Scrum teams with planning logistics, integration readiness, issue visibility, risk reporting, and **continuous improvement** for prototype and laboratory work.

- Coordinated electronic module development activities across software, electrical, systems, and validation engineering teams.
- Prepared backlogs, sprint logistics, impediment records, meeting follow up, and delivery status updates.
- Organized **prototype shop** and **laboratory** integration around hardware, environments, documentation, and issue visibility.
- Maintained Azure DevOps work items and **Microsoft Office** reports covering milestones, **risks**, defects, and status.
- Documented workflow constraints during improvement reviews and tracked corrective actions through closure.
- Prepared leadership updates highlighting schedule exposure, dependencies, and decisions needed for delivery protection.

Project Development Engineer, Electronic Controls

June 2017 - May 2019

Midwest Controls Engineering

Dearborn, MI

Developed electronic control features through requirements, implementation, bench testing, prototype integration, and release support. Coordinated engineering activities across **real time systems**, laboratory testing, technical documentation, and early Agile adoption.

- Developed electronic control features through requirements, implementation, bench testing, and prototype integration.
- Coordinated software, electrical, systems, and validation engineers around interfaces and requirements traceability.
- Supported real time system testing in laboratory and prototype settings with reproducible issue documentation.
- Maintained development plans, risks, technical actions, and review materials using **Microsoft Office** tools.
- Contributed to **Agile** adoption through incremental planning, reviews, and early impediment visibility.

- Improved integration and test handoffs by clarifying entry criteria, ownership, and corrective action follow up.

PROJECTS

Real Time Vehicle Feature Delivery 📅 2024

Coordinated Scrum delivery for embedded electronic features across prototype hardware, laboratory testing, dependency tracking, and production readiness activities.

Azure DevOps Release Readiness 📅 2023

Aligned work item workflows, automated checks, definition of done expectations, and release visibility for embedded mobility teams.

LEADERSHIP & AWARDS

- Recognized by engineering leadership for strengthening Scrum discipline and translating sprint health into concise delivery updates.
- Selected by peers as a trusted coordinator for prototype integration risks, laboratory access, and cross functional impediment removal.
- Commended for advancing continuous improvement across software, electrical, systems, testing, and manufacturing teams.

EDUCATION

Bachelor of Science in Electrical Engineering

2017

Michigan Technological University GPA: 3.5

Houghton, MI

Coursework: Embedded systems, control systems, real time computing, electrical circuits

CERTIFICATIONS

- Certified ScrumMaster 📅 2021
- Microsoft Office Specialist 📅 2021

TECHNICAL SKILLS

- **Agile Frameworks:** Scrum, Agile coaching, Scrum theory
- **Scrum Events:** Sprint Planning, Daily Scrum, Sprint Review
- **Backlog Management:** Backlog refinement, prioritization, acceptance criteria
- **Delivery Platforms:** Jira, Azure DevOps, Microsoft Office
- **DevSecOps Practices:** DevSecOps, Continuous Integration, Continuous Deployment
- **Embedded Systems:** Embedded electronics, real time systems, vehicle controls
- **Safety Engineering:** Safety critical systems, risk management, requirements traceability
- **Engineering Testing:** Bench testing, laboratory testing, prototype integration
- **Release Management:** Release planning, delivery metrics, milestone tracking
- **Improvement Methods:** Continuous improvement, retrospectives, corrective actions

SKILLS

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|-------------------|------------------------|--------------------------|--------------------|
| • Scrum | • Sprint Review | • Azure DevOps | • RTE Coordination |
| • Agile Coaching | • Sprint Retrospective | • DevSecOps | • Delivery Metrics |
| • Sprint Planning | • Backlog Refinement | • Continuous Integration | • Risk Management |
| • Daily Scrum | • Jira | • Continuous Deployment | |

PROFESSIONAL AFFILIATIONS

- Scrum Alliance member, maintaining active interest in Scrum practice and team coaching.
- Association for Computing Machinery member, following software engineering and embedded systems developments.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST