

Brad Appleton

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ENTERPRISE AGILE/DEVOPS LEADER, MANAGER & COACH

Accomplished expert & thought-leader in Lean/Agile & DevOps Engineering, and ALM/SCM/DevOps solutions, with 15+ years leading enterprise agile adoption & scaling to grow collaborative engineering ecosystems that:

- Understand the practical application of lean/agile principles to the disciplined execution of practices.
- Maximize simplicity, quality & velocity by minimizing duplication, dependencies & delays.
- Develop automated build & test environments, by building autonomy & trust for development teams.
- Continuously deliver stakeholder value, by continually valuing all stakeholders across the delivery cycle.

TECHNICAL SKILLS

Agile Frameworks: Scrum (CSM), XP, Lean, Kanban, FDD, SAFe (CSA), DAD, LeSS, Lean Startup

Practices: Continuous Integration, Continuous Delivery, Refactoring, DDD, TDD, BDD, ATDD, Specification by Example, Emergent Design, Evolutionary Architecture

Disciplines: ALM, SCM, DevOps, Object-Oriented Design, Design Patterns & Principles, Requirements Management, Software Product-Lines, Software Ecosystems

Tools: JIRA, Confluence, TFS, RTC, TeamForge, Git, Jenkins, Bitbucket, Gerrit, GitLab, Artifactory, Perforce, Accurev, DOORS, ClearQuest, ClearCase

Languages: Java, Groovy, Scala, Ruby, C#, C++, Perl, Python, SQL

PROFESSIONAL EXPERIENCE

Walgreens, Deerfield, IL

2016–Present

Agile & DevOps Engineering Manager | Lean/Continuous Engineering Transformation

- Institute Agile & DevOps Engineering culture across IT application development, delivery & deployment.
- Drive Continuous Enablement of Engineering (people, process, tools & technology) to maximize predictability, repeatability, efficiency, security, maintainability and antifragility of systems.
- Lead, manage, teach, coach and mentor teams in continuous engineering activities and overall strategy in accordance with Agile & DevOps values, principles and practices.
- Partner cross-functionally in a highly agile-transforming environment, focused on efficient daily operations, developer productivity and continuous improvement for automation, monitoring, and tools development.
- Coordinate with other teams (including Quality Engineering, Product Development, Infrastructure) to develop robust yet responsive Engineering Ecosystems.

Motorola Solutions, Schaumburg, IL

2012–2016

Agile ALM Strategist & Product Manager | Scaled Agile Champion & Agile Practice Leader

- Created framework (and training) for Lean+Agile practice adoption and scaling (including applications of SAFe, DAD, XP, Kanban, Distributed Scrum, LeSS & Lean Startup).
- Developed enterprise-wide strategy to deploy & support multiple engineering toolchains, using a tri-modal IT approach to minimize total cost-of-ownership while maximizing quality & cycle-time.
- Evaluated and selected/deployed ALM tools for supported toolchains, including JIRA, Bitbucket, Gerrit, Confluence, IBM RTC/Jazz, MS VS/TFS, Jama, DOORS, HPQC, Jenkins, SONAR & Electric Commander.
- Agile Product Owner for company-wide Git+JIRA deployment (with Artifactory), onboarding over 40 new teams and organizations from ClearCase & ClearQuest.
- Technical manager of Git deployment team (including Bitbucket, Gerrit & GitLab).

Motorola Solutions, Schaumburg, IL

2006–2012

ALM Solution Architect & Manager | Lean-Agile Champion & Trainer

- Solution Architect and Product Owner for ALM tool development and deployment across 8 design centers and 6 countries (over 12K engineers).
- Coached and trained new agile teams (and their coaches) in the adoption of Lean-Agile practices & principles, resulting in 2X – 5X productivity improvement (on average), 30% – 40% reduction in defect density, and 4 – 6 week reductions in release cycle-time.
- Technical manager of remote SCM development team.

Motorola Networks, Arlington Heights, IL

2002–2006

Principal Process Architect | Lean-Agile Adoption Leader

- Community leader and evangelist introducing Agile and Lean development practices to more than 24 new projects and teams across 4 divisions spanning multiple sites & countries.
- Business-wide technical lead (then manager) of Agile SCM daily operations, system release management, and process improvement across multiple businesses (7K+ users).

ADDITIONAL RELEVANT EXPERIENCE**Motorola Networks, Arlington Heights, IL**

1998–2002

Principal Software Architect | Agile Coach | Technical Manager

Led agile turnaround of waterfall project, resulting in: 2X improvements in quality, cycle-time and application performance; 50% reduction in code-size; and established a predictable iterative delivery schedule.

Motorola Automotive, Northbrook, IL

1994–1998

Senior Staff Software Engineer

Expert in C++ and OOD for real-time embedded GPS navigation systems, and CM process and tools.

Harris Computer Systems, Fort Lauderdale, FL

1990–1994

Senior Software Engineer

Expert in C/C++ and OOD for real-time distributed systems, and software engineering environments.

PROFESSIONAL ACTIVITIES

- Member and presenter, Agile Professional Learning Network (APLN) Chicago
- Contributing Editor, Agile Journal, AgileConnection
- Agile SCM columnist / contributor, CM Journal, CMCrossroads
- Founding member, Chicago Agile Developers Group
- Founding member, Chicago Patterns Group
- Section editor, *The C++ Report*, SIGS Publications Group
- Writer and reviewer, Pattern Languages of Program Design (PLoPD) Conferences
- Member and presenter, Chicago Software Process Improvement Network
- Technical book reviewer, Pearson, Addison-Wesley, Prentice-Hall, IEEE, Pragmatic Programmers

EDUCATION

Master of Science (MS), Software Engineering | National Technological University, Fort Collins, CO

Bachelor of Science (BS), Computer Science & Mathematics | University of Michigan, Ann Arbor, MI