Resources

So now that you have a solid understanding of the various frameworks and methodologies, I encourage you to take a deeper dive to master the finer details.

Spiral Model

Barry Boehm's white paper on spiral methodology – "A Spiral Model of Software Development and Enhancement" (1988)

https://en.wikipedia.org/wiki/Spiral_model

Dynamic Systems Development Method (DSDM)

Agile Business Consortium – "The DSDM Agile Project Framework" (2014)

https://www.agilebusiness.org/page/TheDSDMAgileProjectFramework

Feature-Driven Development (FDD)

LeanKit – "What Is FDD in Agile?"

https://www.planview.com/resources/articles/fdd-agile/

Crystal Methods

ActiveCollab and Maja Mrsic – "Crystal Methods" (2017)

https://activecollab.com/blog/project-management/crystal-methods

Scrum

LinkedIn Learning – *Scrum: The Basics*

https://www.linkedin.com/learning/scrum-the-basics

Ken Schwaber and Jeff Sutherland – *The Scrum Guide*

https://www.scrumguides.org/

Geoff Watts – *Scrum Mastery: From Good To Great Servant Leadership* (2013)

https://www.scrum.org/resources/scrum-mastery

Hiren Doshi – *Scrum Insights for Practitioners: The Scrum Guide Companion*

https://practiceagile.com/book-scrum-insights-practitioners/

Lean

LinkedIn Learning – *Lean Foundations*

https://www.linkedin.com/learning/lean-foundations

Mary Poppendieck and Tom Poppendieck – *Lean Software Development: An Agile Toolkit* (2003)

https://www.oreilly.com/library/view/lean-software-development/0321150783/

Kanban

LinkedIn Learning – *Stay Lean with Kanban*

https://www.linkedin.com/learning/stay-lean-with-kanban

Eric Brechner – *Agile Project Management with Kanban: Eric Brechner Presentation* (2015). This is a great overview from its use on the Xbox team.

https://www.youtube.com/watch?v=CKWvmiY7f_g

LeanKit – *Kanban Roadmap: How to Get Started in 5 Easy Steps*

https://info.planview.com/kanban-roadmap-_ebook_lad_en_reg.html

Spotify

Spotify Labs and Henrik Kniberg – "Spotify Engineering Culture (Part-1)"

https://engineering.atspotify.com/2014/03/spotify-engineering-culture-part-1

DevOps

LinkedIn Learning – *DevOps Foundations*

https://www.linkedin.com/learning/devops-foundations

Capability Maturity Model Integration (CMMI)

CMMI Institute – "What is CMMI?"

https://cmmiinstitute.com/cmmi/intro

Microservices:

https://en.wikipedia.org/wiki/Microservices

https://microservices.io/patterns/microservices.html

Microservices Patterns:

https://microservices.io/book

LinkedIn Learning:

https://www.linkedin.com/learning/microservices-foundations-23469069

https://www.linkedin.com/learning/software-architecture-breaking-a-monolith-into-microservices

https://www.linkedin.com/learning/microservices-asynchronous-messaging

https://www.linkedin.com/learning/microservices-asynchronous-messaging

Twelve Factor App:

https://12factor.net/

LinkedIn Learning:

https://www.linkedin.com/learning/cloud-native-twelve-factor-and-fifteen-factor-applications

Chaos Engineering:

https://en.wikipedia.org/wiki/Chaos_engineering

https://netflixtechblog.com/chaos-engineering-upgraded-878d341f15fa

LinkedIn Learning:

https://www.linkedin.com/learning/devops-foundations-chaos-engineering