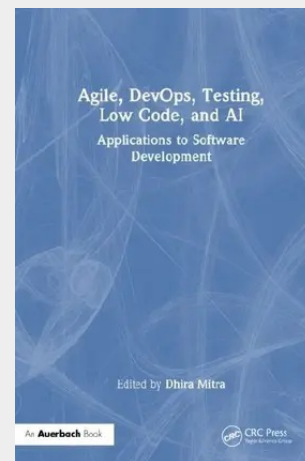


Agile, DevOps, Testing, Low Code, and AI

Applications to Software Development

Agile, DevOps, testing, and low code are pivotal elements in modern software development. Each contributes uniquely to the efficiency, quality, and adaptability of the development lifecycle. Agile methodologies emphasize iterative progress, collaboration, and responsiveness to change, enabling teams to deliver value incrementally while adapting to evolving requirements. DevOps complements Agile by fostering a culture of collaboration between development and operations teams, thereby streamlining workflows, automating processes, and ensuring faster and more reliable software delivery. Testing serves as the backbone of quality assurance, ensuring that software meets functional, performance, and security standards while identifying and mitigating risks early in the development cycle. Meanwhile, low-code platforms empower both professional developers and citizen developers to create applications with minimal coding effort, thereby accelerating delivery timelines and reducing dependency on extensive technical expertise. Agile, DevOps, Testing, Low Code, and AI: Applications to Software Development shows how these practices and technologies form a cohesive framework that drives innovation, enhances productivity, and ensures the delivery of robust, scalable, and user-centric software solutions.

Agile, DevOps, testing, and low code are pivotal elements in modern software development. Each contributes uniquely to the efficiency, quality, and adaptability of the development lifecycle. Agile methodologies emphasize iterative progress, collaboration, and responsiveness to change, which enables teams to deliver value incrementally while adapting to evolving requirements. DevOps complements Agile by fostering a culture of collaboration between development and operations teams to thereby streamline workflow, automate processes, and ensure faster and more reliable software delivery. Testing serves as the backbone of quality assurance, ensuring that software meets functional, performance, and security standards, while identifying and mitigating risks early in the development cycle. Meanwhile, Low Code platforms empowers both professional developers and citizen developers to create applications with minimal coding effort, so they can accelerate delivery timelines and reduce dependency on extensive technical expertise. Agile, DevOps, Testing, Low Code, and AI: Applications to Software Development shows how these practices and technologies form a cohesive framework that drives innovation, enhances productivity, and ensures the delivery of robust, scalable, and user-centric software solutions. Highlights include: - AutoOps and the power of AI-augmented software testing - The ins and outs of transitioning to low code - E2E desktop automation with AI Bringing together a slew of industry professionals who delve into the latest trends in the software development lifecycle and share their ideas and experiences on key trends, the book helps software professionals and business managers leverage modern technologies to achieve excellence.



167,50 €

167,50 € (zzgl. MwSt.)

vorbestellbar, Erscheinungstermin ca.
November 2026

Artikelnummer: 9781032940977

Medium: Buch

ISBN: 978-1-032-94097-7

Verlag: Taylor & Francis Ltd

Erscheinungstermin: 03.11.2026

Sprache(n): Englisch

Auflage: 1. Auflage 2026

Produktform: Gebunden

Gewicht: 453 g

Seiten: 146

Format (B x H): 156 x 234 mm

