

AI-Driven Test Automation Accelerator

Build the Next Generation of Quality Engineering

Motivation

Many organizations have invested in test automation but continue to struggle with slow implementation, fragile frameworks, and high maintenance effort.

Modern AI technologies, combined with scalable automation architectures and proven quality engineering practices, enable teams to accelerate automation development, improve consistency, and focus on validating business-critical functionality.

Qnit helps organizations combine proven quality engineering practices with AI-assisted development workflows to modernize test automation and increase delivery confidence.

What we bring

Qnit combines deep Quality Engineering expertise with AI-driven automation and modern software delivery practices.

We help organizations:

- ✓ Assess AI readiness and automation maturity
- ✓ Design scalable automation architectures
- ✓ Modernize existing automation frameworks
- ✓ Enable AI-assisted engineering workflows
- ✓ Integrate testing into CI/CD pipelines
- ✓ Improve automation coverage and maintainability
- ✓ Enable teams through coaching and workshops

What you need

To successfully execute this engagement, we recommend:

- Access to your current automation framework
- QA and engineering stakeholders
- Existing CI/CD pipelines
- A pilot team willing to adopt AI-assisted workflows
- Access to AI development tools

🎯 Benefits

- Faster delivery
- Higher automation coverage
- Lower maintenance effort
- Consistent automation standards
- Faster onboarding
- Higher engineering productivity
- Improved software quality
- Sustainable AI adoption

🎯 Quick facts

- Duration: 4–8 Weeks
- Format: Assessment, Implementation & Enablement
- Technologies: GitHub Copilot, Automation Frameworks, CI/CD Platforms, MCP Integrations, Enterprise AI Platforms
- Outcome: Modernized test automation, AI-enabled engineering workflows, and empowered teams.

🎯 Typical Use Cases

- Modernizing existing automation frameworks
- AI adoption across QA & Engineering
- Improving automation coverage
- AI-assisted test design
- Accelerating test automation delivery

Our Approach



Key Deliverables

- AI Readiness & Assessment Report
- Modernized Test Automation Architecture
- AI Engineering Playbook
- Team Enablement & Knowledge Transfer

AI-Assisted Test Engineering Workshop

MODULE	ACTIONS
Introduction to AI-Assisted Test Engineering	Overview of capabilities, model selection and context handling
AI-Assisted Quality Engineering	Test design, weak-test analysis and defect investigation
AI-Assisted Test Automation	Automation architecture, AI-assisted development, framework modernization and code generation.
Team Enablement	Adoption strategy, best practices and workflow integration

Duration: 2 Days
Participants: Up to 12
Format: Interactive Hands-On Workshop

Get started

To learn about pricing and how to get started, please contact info@qnit.de

About Qnit

Qnit is a Quality Engineering consultancy helping organizations modernize software quality through AI-assisted engineering, test automation, and sustainable quality practices.