



Senior Software Test Engineer Dashboards/Digital Thread (m/f/d)

Company: MathWorks – Quality Engineering

Location: Munich Office; Weihenstephaner Str. 6

Work Model: Hybrid

Job Summary

As a Senior Software Engineer in Test, you will improve the quality and testability of our product features in **process tooling, dashboards, and the digital thread**. You will develop automated test and code verification infrastructure and help architect testable software. You will shape and organize the qualification process for software that helps our aerospace, automotive, railway and industrial automation customers streamline certified software development for safety critical embedded systems. You will collaborate closely with cross-functional teams, including Development, DevOps, and customer-facing groups to setup innovative, efficient, and scalable solutions to ensure high software quality.

Responsibilities

You are responsible for evaluating product feature designs and creating the processes, tools, and procedures to help continuously improve the feature set for our products. Specifically, you will:

- Participate in product development from its early design stages and play a critical role in defining testable software architectures.
- Implement or enhance test infrastructure and test tools in a modern CI/CD environment.
- Control and define the quality process by assessing key quality indicators like test coverage, static code analysis results and bug statistics.
- Plan and implement the testing strategies for new product features.
- Write functional, performance or memory tests to ensure the quality of the software.

Minimum Qualifications

- A bachelor's degree and 7 years of professional work experience (or a master's degree and 5 years of professional work experience, or a PhD degree, or equivalent experience) is required.
- Programming experience in MATLAB

Visit our website at mathworks.com/careers for mor information and to apply!

