

Test Automation Engineer (m/f/d)



Temporär Jobregion: Rotkreuz Stellenprozent: 100%

Beschreibung

As a first-tier supplier to our renowned business partner **Roche Diagnostics in Rotkreuz**, we are currently looking for a motivated and dedicated **Test Automation Engineer** for a temporary assignment of 1 year, with high probability of extension.

Join an innovative team shaping the future of diagnostics. As a Software Engineer in Test (SET), you will drive quality at the high-stakes intersection of hardware, software, and biological assays. In this role, you will architect and implement end-to-end automated test strategies for complex molecular diagnostic platforms, bridging technical requirements with real-world execution. You will integrate automated test frameworks that validate physical interfaces, fortify software security, and ensure seamless synchronization between digital logic, mechanical systems, and fluidic/assay protocols. Leveraging state-of-the-art robotics - ranging from standard market solutions to bespoke in-house developments - you will stress-test complex platforms in a high-demand environment. Operating at the frontier where engineering and chemistry collide, your contributions directly guarantee that clinical laboratories receive fast, precise, and uncompromising diagnostic results.

Tasks & Responsibilities

- Quality Assurance for High-Tech: Development and implementation of automated test strategies for a complex overall system in molecular diagnostics.
- BDD Methodology: Active application of Behavior-Driven Development to translate requirements into executable specifications.
- AI-Driven Test Development: Leveraging state-of-the-art AI agents and automated generation tools to design, write, and maintain scalable test cases across software, hardware, and assay workflows.
- Development of Test Environments: Construction and maintenance of test frameworks using tools similar to Selenium, Appium, or SpecFlow, supplemented by specific libraries for controlling laboratory robots.
- Robotics Integration: Evaluation and integration of commercial robot arms (e.g., Cobots) as well as participation in the development of internal robotics tools to simulate user interactions on the device (e.g., pipetting, loading cartridges).
- ALM & Traceability: Use of ALM tools such as Codebeamer to manage requirements and test cases and to ensure traceability.
- CI/CD Integration: Responsibility for automated quality assurance within GitHub repositories and Azure DevOps (ADO) pipelines.
- End-to-End Verification: Ensuring data integrity from the barcode scan

BERATER



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Seniority Level
Mitarbeiter

Berufskategorie
IT

Stellenprozent
100%

Jobtyp
Temporär

Referenz-Nr.
KWI-IT-T-55627

Jobregion
Rotkreuz

of the patient sample to the final analysis of the PCR result.

- Compliance & Documentation: Supporting the creation of test plans, protocols, and reports in accordance with ISO 13485 and other relevant regulatory standards for medical devices.

Must-Haves

- Education: Degree in Computer Science, Electrical Engineering, Medical Technology, or a comparable qualification.
- Technical Expertise: Min. 5 years of experience as a Software Engineer in Test (SET) or Test Automation Engineer, ideally within complex mechatronic, medical device, or biotech systems. Sound experience in software development and mastery of clean coding principles.
- Automation & BDD Expert: Proficient in using modern test automation frameworks, with solid knowledge of behavior-driven development methodologies.
- AI Tooling Proficiency: Practical experience using AI coding assistants, LLM agents, or AI-native test management tools to automate, refactor, and maintain testing assets.
- ALM Know-how: Experience with Application Lifecycle Management tools, ideally Codebeamer, is a major advantage.
- Analytical Talent: Ability to quickly familiarize yourself with the logic of complex diagnostic systems.

Nice-to-Have

- Testing Experience: ISTQB Certified Tester Foundation Level certification is a plus.

Benefits

- Become part of one of the most prestigious pharmaceutical companies and actively shape the future of healthcare
- Experience a work culture that promotes diversity and inclusion and where all employees feel valued
- Work on a state-of-the-art campus featuring green spaces, meeting areas, and an inspiring atmosphere
- Work with modern and up-to-date tools in an innovative work environment
- Start with a professional onboarding process and a thorough introduction to your new role during the Welcome Days
- Benefit from financial support for your professional development plans
- Enjoy a selection of high-quality meals in modern staff restaurants
- As part of a sustainable mobility concept, on-site parking spaces are available to you
- Take advantage of unbeatable, year-round discounts at renowned retailers and over 200 top brands
- Benefit from fleet discounts when purchasing new cars or receive constant fuel discounts

Are you interested? Do not hesitate and submit your complete application documents online today. We look forward to hearing from you!

Wir wertschätzen Vielfalt und begrüßen daher alle Bewerbungen – unabhängig von Geschlecht, sozialer Herkunft, Religion, Alter und Identität. Zur leichteren Lesbarkeit und besseren Verständlichkeit verwenden wir nur eine Gender-Form. Selbstverständlich sind im jeweiligen

Kontext alle Genderformen gleichermassen gemeint.



Unser Bewerbungsprozess



More than Jobs

