Test Engineer (m/f) for Product Qualification and Validation

Company: modum.io AG
Location: Zurich, CH
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ABOUT US

modum.io is combining blockchain and IoT technology to make supply chains more efficient and transparent. Our first product monitors the temperature of shipments on a parcel level to help our customers in the pharma industry be compliant with GDP regulations in the EU. The solution was successfully piloted with several companies in Switzerland, Europe, and the Middle East.

modum.io is made up of a talented team of engineers, developers, designers, and marketers located in Technopark. We have ongoing collaborations with the University of Zurich and the University of St.Gallen. After winning a number of competitions, including Kickstart Accelerator, our team has maintained itself as a fast-paced, dynamic, and high performing group that works in high collaboration towards short-term goals and the long-term growth of modum.io.

THE ROLE

We are currently looking to grow our team to include a Test Engineer to lead all system and integration testing. This position reports directly to the Chief Operating Officer and the Chief Technical Officer. You will have the opportunity to be a self starter, coordinating all necessary resources and environments and executing protocols autonomously. You will be client facing, providing second-level customer support.

You should be eager to work in a start-up environment and bring your unique set of talents to an enthusiastic and diverse team. modum.io looks for team players that are both collaborative and detail focused and bring innovative ideas and attentive care to everything they do.
RESPONSIBILITIES

• Lead System and Integration Testing.
• Define and maintain test plans, test schedules, test cases, and test reports.
• Create and maintain technical documentation to ensure efficient planning and execution. 
• Coordinate the necessary test resources, test environments, and test data in order to properly execute a quality testing process.
• Write and execute qualification protocols: IQ, OQ, PQ.
• Perform risk assessment for new and modified functionality to determine GxP impact and appropriate validation approach.
• Develop and execute test scenarios, scripts, and procedures for system integration, system, and acceptance testing.
• Review testing documentation, develop testing standards, define criteria for testing, analyze test results, and present results to developers and end users.
• Develop software quality engineering procedures and strategies including functional, performance, regression, and roll-back testing scenarios, scripts, or procedures.
• Ensure compliance with contract test specifications.
• Second level customer support.
• Interfaces:
  - Work with product managers and developers using Agile methods to identify/refine test cases from requirements and design.
  - Work with QA engineers in a team environment to ensure product quality.
  - Work closely with validation team and contribute to and support the development of key computer system validation deliverables.

PROFILE

• 3+ years of direct experience with quality assurance and computer system validation within the life sciences industry.
• Bachelor’s Degree in Pharma, Engineering, Computer Science, Chemistry, or related field.
• Demonstrated experience in planning and testing.
• Experience in both integration and system level testing.
• Experience in a Software Support role.
• Understanding of Software QA methodologies, tools and approaches in a software company with short release cycles.
• Advanced knowledge of requirements engineering, test environments, and functional risk assessment.
• Experience in Agile and V-Model software development processes.
• Thorough knowledge of structured test methods and processes.
• Highly structured work style and ability for self-organization.
• Customer-orientated skills.
• High degree of efficiency and motivation in work habits in a challenging, fast-paced environment.
• Eligible to work in Switzerland.
• Proficiency in German and English.

NICE-TO-HAVE SKILLS

• Competent with current GDP EU regulations and best practices, 21 CFR Part 11.
• Scripting/Programming skills in at least one of the following languages: golang, Java, Javascript, Python.