

Position

Software Test automation engineer

Location: UK

The Software test automation engineer role is a critical position in the Amphora engineering organization and contribute towards building its future state flagship trading and risk management product suite. Amphora strives to build the best of breed trading and risk systems for the commodity industry and time to market, delivery rigor/quality are key success criteria for the engineering organization.

Role and Responsibilities

- Create robust automation test scripts for Web applications using Cypress and JavaScript and Cucumber ensuring the customer journeys and multiple touch points are fluid and free from defects
- Create robust API automation tests using JAVA, Rest Assured API, WebSocket API and Cucumber
- Strong experience in Test driven development and behavioural driven development processes , tools.
- Write the automation code to the level same as developer code with SOLID principles and with all recipes of reusability, logging and reporting
- Analyse requirements and draw the test scope, understand design, implementation of the proposed solution in scope and give accurate estimations
- Not only making good use of open-source libraries/frameworks but also be able to write custom mini libraries and utilities wherever needed for automation
- Actively participate in sprint planning, understand business requirements and draw the effective business scenarios for automation
- Work with development team up front to define and set up automation frameworks from the scratch and extend the existing Automation Frameworks
- Self-efficient in setting up tools, automation frameworks, resolving technical issues, debugging, trouble shooting, generating automation reports and error logging
- Proactive and take initiative to communicate, collaborate to get test automation done in time to a high standard
- Create and configure automation test jobs into Jenkins/ Github actions to be part of CI/CD pipelines with good reporting mechanism
- Implement automation best practices in every aspect of the automation and testing in general in day to day automation
- Think out of the box to design test cases for optimum quality
- Should be able to work actively on a project hands on using agile / Scrum methodology. Understanding & Analysing requirements, ability to attend technical discussions with the Product Mangers/SCRUM teams and be able to support the activity
- Ensure the timely delivery of assigned testing tasks/ milestones planned and assigned for a release cycle.
- Good communication and presentation skills. Should be able to present your point clearly and concisely at the stand ups and meetings
- Attention to details and capture requirements accurately and effectively
- Effectively collaborate on cross-functional and globally located teams including other testers, developers, and business analysts
- Quality conscious.

Technical Skills

- Strong JavaScript and Java coding skills to be able to write the automation scripts independently to a high standard
- Good Experience with Cypress and JavaScript
- Advanced coding ability to support the creation and maintenance of BDD automation frameworks
- Demonstrated experience of building complex automated regression packs covering both API and GUI
- Strong in API testing using Rest Assured library (Postman/Soap UI/Swagger)
- Good Knowledge of SQL and be able to write and execute database queries
- Experience in CI/CD and version controls (Jenkins, Github Actions)
- Experience of using build tools Gradle, Maven
- Good understanding of tenets behind WEB UI automation such as DOM, Cross browser testing, CSS, HTML
- Demonstrable experience of testing APIs in a complex technical environment
- Experience of using BDD methodologies such as Cucumber and JBehave

Preferable

- Certification in JavaScript/Java
- Experience using Browser Stack
- Experience in TypeScript programming
- Experience of working in CTRM domain

Qualification

- Must have a Computer Science background or related technical field
- Strong problem solving & troubleshooting skills
- Motivated, energetic team player willing to take initiative and learn new concepts.