Test Automation Engineer (NW11203)

Sydney, New South Wales, Australia (Hybrid)

ASX: Powering Australia's financial markets

Why join the ASX?

When you join ASX, you're joining a company with a strong purpose – to power a stronger economic future by enabling a fair and dynamic marketplace for all.

In your new role, you'll be part of a leading global securities exchange with a strong brand. We are known for being a trusted market operator and an exciting data hub.

Want to know why we are a great place to work, visit our careers page to learn more.

We are more than a securities exchange!

The ASX team brings together talented people from a diverse range of disciplines.

We run critical market infrastructure, with 1 in 3 people employed within technology. Yet we have a unique complexity of roles across a range of disciplines such as operations, program delivery, financial products, investor engagement, risk and compliance.

We're proud of the diversity of our organisation and the culture of inclusion that all our people help to build every day. Our employee-led groups are known for celebrating cultural and religious events, championing LGBTIQ+ inclusion, inspiring giving and volunteering, promoting gender equality, and wellbeing. We are an Employer of Choice for Gender Equality (WGEA) and a member of the Champions of Change Coalition for the advancement of gender equality in Australia.

About the team:

As a member of the ASX test team, you will work closely with developers, support analysts and business analysts in reviewing and clarifying requirements, test planning and execution, managing defects, reporting on progress and escalating issues to the Portfolio Test Manager.

What you will be doing:

> Test design, using own in-depth technical analysis of functional and non-functional specifications, requirements and solution architecture.
> Contribute to the design and implementation of test automation framework(s).
> You will have expert automation knowledge in Java and either knowledge of or ability to pick up Python frameworks.
> Hands on non-functional testing across multiple phases of the application lifecycle.
> Execution, investigation and maintenance of existing automated test cases.
> Design & execute robust test scenarios/test cases in line with wider business transformation strategy and planning.

> Ensure traceability records exist from tests back to requirements & documentation.
> Follow/Apply agreed standards and tools, to achieve well-engineered outcomes.
> Participate in reviews of own work and lead reviews of colleagues' work.
> Interpreting and executing complex test scripts, analysing results and maintaining a defect register.
> Provide reports on progress, anomalies and risks & issues associated with the overall project or release. You'll also report on system quality and collect metrics on tests and results.
> Support and implement the ASX Software Testing Policy and Guidelines within the context of the assigned work and tools used and create and maintain documentation relevant to this.
> Coordinate with internal and external participants/vendors to carry out different phases of testing ex. UAT, E2E etc.
> Escalate risks and issues in a timely manner within existing risk frameworks.
> Assist the Test Manager in test planning and specifying requirements for test environments, test data and tools.
> Being an active member of, the QE&T Community of Practice (CoP).

What you will bring:

> Have at least 7-9 years of automation experience and thorough API testing experience with different protocols.
> Experience testing Java applications, micro services (eg. Java Spring Boot / Node Js), data streaming (Kafka) capabilities.
> In-depth knowledge of popular Java frameworks like JSF Spring Boot & Spring MVC
> Experience in testing RESTful APIs
> Experience with Object-Oriented Design (OOD)
> Sound level understanding of object oriented programming.
> In-depth testing and automation experience in a structured environment.
> Experience in system, system integration, regression, end-to-end, & parallel testing.
> Experience with common CICD tools – working with as well as setting up pipelines.
> Experience in test environment and test data setup.
> Worked as part of medium to large sized project teams.
> Experience with test management tools such as JIRA and confluence.
> Ability to multi-task and be comfortable with frequently changing priorities.
> Experienced in BDD and implementation of Cucumber based automation frameworks.Nice to have:
> Experience with Cucumber or Specflow
> Exposure to non-functional testing, such as performance and load testing.
> Capital markets domain experience.
> Experience with testing micro-services and/or container-based architectures.
> Knowledge of messaging protocols, such as FpML, SWIFT or FIX.
> Created or contributed to automated test frameworks.
> Strong interpersonal and stakeholder management skills.
> Continuous improvement mindset.
> Knowledge of Financial markets including products and transaction lifecycles.
> Worked in a regulated environment. Conversant with Test processes
> Exposure to non-functional testing, such as performance and load testing.
> Knowledge of messaging protocols, such as FpML, SWIFT or FIX.
> Continuous improvement mindset.

We make hiring decisions based on your skills, capabilities and experience, and how you'll help us to live our values. We encourage you to apply even if you don't meet all the criteria of this role. If you need any adjustments during the application or interview process to help you present your best self, please let us know.

At ASX Group, our diverse workforce is essential to build and maintain a fair and dynamic marketplace. We support flexible working and offer hybrid working options. Even if our roles are advertised as full-time, we encourage you to apply if you are interested in part-time or other flexible working arrangements.

We will arrange for successful candidates to have background checks, including reference and police checks completed as part of the on-boarding process.

Recruitment Agencies: ASX does not accept any unsolicited agency resumes and will not be responsible for any fees related to unsolicited resumes.