



# Senior Test Engineer

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:

The Senior Test Engineer would be part of a team that is responsible for evaluating the stability, scalability and responsiveness of the Chess R application via non-functional tests. As part of this role the Senior Test Engineer would get the opportunity to work on, cutting-edge technology that would be an integral part of the Australian financial ecosystem.

As a member of ASX shared services team you will work closely with Developers, Business Engineers, Solution Architects, DevOps, Infrastructure teams in understanding and clarifying the application and infrastructure landscapes, Non-functional requirements and monitoring solutions. You will be responsible for planning, designing and executing all the relevant non-functional tests, managing defects, reporting on progress and escalating issues to the relevant project stakeholders. You are a practitioner/team member of the Quality Engineering & Testing Capability Community of Practice (CoP).

### What you will be doing:

- Accountable for test planning, execution, monitoring, reporting for efficient delivery timelines.
- Design, implement and maintain Performance test assets to ensure desired level of quality and test coverage.



- Develop and maintain the performance test framework using the industry standard open source performance testing tools i.e. Gatling and JMeter in code repository & version control tools such as Stash & Git
- To monitor the performance of the overall solution at application level, Infrastructure level and Network level using the APM solutions like AppDynamics, Dynatrace, ELK etc.
- Drilldown the complex performance issues/bottlenecks for the applications hosted in cloud using the available analytics and monitoring solutions.
- Collaborate closely within your scrum team to drive testability in solution design and promote best test engineering practices in the development process
- Design, maintain and track the performance testing test cases, test cycles, defects etc in the industry standard tools i.e. Jira, Zephyr, Xray etc.
- Establish traceability and coverage through effective mapping of test cases & scripts to acceptance criteria as defined in user story
- Advise and apply best test engineering practice, and supporting tools and technologies to specific features and projects
- Participate in reviews of own work and lead reviews of colleagues' work.
- Being an active member of the QE&T Community of Practice (CoP).

## What you will bring:

### Must have

- A minimum of 6–8 years hands on experience in software performance testing.
- Sound technical understanding of Performance Engineering, testing and analytics.
- Strong technical experience in working with performance testing tools such as Jmeter & Gatling.
- Experience in developing the performance test scripts for a complex applications involving Web, SOA, micro services JMS messaging, Kafka messaging.
- Demonstrable working experience in Java/any scripting Language, test automation frameworks, Oracle, SQL Server, AppDynamics, and Elastic Search.
- High-level understanding of Client–Server Architecture including load balancers and firewalls in an enterprise infrastructure.
- Demonstrable ability to analyse complex technical requirements, review architecture documents and solution design, and determine appropriate performance test approach and best engineering practices based on technical design.
- Demonstrable working experience in code repository & version control tools such as Stash & Git
- Ability to debug complex performance issues with respect to code or capacity with limited analytics available.
- Demonstrable working experience and an advocate for Agile methodology, and Agile delivery toolset such as JIRA
- Demonstrable working experience on cloud platforms performance monitoring using the tools i.e. AWS CloudWatch, Dynatrace, New Relic or similar APM tools
- Strong Knowledge, understanding and hands-on experience for an application hosted in cloud platform.



### Nice to have:

- Demonstrable understanding and/or working knowledge of Continuous Integration (CI), Continuous Delivery (CD) and DevOps
- Knowledge and hands on experience on the Service Now, Lightstep, Amazon CloudWatch, GCP Monitoring and Stackdriver
- Cloud fundamental and advance certifications for Amazon and GCP cloud services
- Knowledge on Finance / exchange systems – knowledge of cash equity markets post trade processes (clearing, settlement) and systems are highly regarded.
- Experience working on legacy applications, upgrade & transformation projects.

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.***