

# Java Software Engineer

## ASX Position Description

### ASX “All Roles Flexible”

ASX offers mutually beneficial flexible working arrangements.  
We recognise that employees need to balance work and personal lives.

ASX Opportunity Snapshot		What’s On Offer
<b>Role:</b>	Java Software Engineer	<p>This is an exciting opportunity for a strong Engineer to work on a new project that will integrate with a cutting edge settlement system that will be an industry first.</p> <p>You will be focussing on developing and delivering high quality software solutions that will have a major impact on the settlement and clearing for ASX’s customers.</p> <p>In this role the candidate will be part of a cross-functional team working with the Technical Lead to integrate several existing in-house and vendor based systems with the new settlements system.</p>
<b>Reports to:</b>	Manager, Application Design	
<b>People Management:</b>	n/a	
<b>Budget:</b>	n/a	
<b>Team:</b>	Application Development	
<b>Date:</b>	March 2018	
<b>Location:</b>	Sydney, NSW	
<b>Flexible Role:</b>	Yes	

### What you’ll do:

This role is suitable for an experienced Java software engineer with experience in downstream integration, using multiple protocols such as FIX, JMS and Web Services to work on integration with contemporary internal and external trading and settlement systems

### What You’ve Done

- Proven results in programming and applications design.
- Experience delivering major pieces of work in a complex, agile environment
- Sound knowledge of system analysis methods and tools
- Specific experience in delivery that focuses on the downstream integration of enterprise systems.
- Experience with SQL / NoSQL Databases
- Experience with Continuous Integration Tools

### And if you’ve got some of this, even better:

- Working in a cross-functional agile delivery team
- Developing REST API’s
- Lightweight containers (spring-boot, tomcat / jetty, micro-service architectures)
- SONAR / build breakers and Behavioural (BDD) testing

## What you need to enjoy and be good at for this role:

### Delivery

- Perform design and development of software solutions for business critical application change projects, with specialisation in a trading environment's an advantage.
- Develop operational and system support tools including documentation to enable effective maintenance and support of applications
- Contribute to the health of the code base and team skills by conducting effective code and process reviews
- Apply Agile frameworks, techniques and processes to deliver incremental value to areas of responsibility-
- Extensive experience as a Java developer with other contemporary development language exposure such as C# preferred.
- Working knowledge of Linux command line with shell scripting an advantage

### Solution Design

- Contribute to the design of a technology domain with the goal of becoming the domain owner
- Share design skills across the organisation

### Problem Management

- Accept ownership of a technology domain and the learnings from supporting the solution
- Ensure system availability, reliability, stability, currency and recoverability of applications
- Extensive experience with integration of downstream, in-house and vendor based systems.

### Quality and Best Practice

- Perform the design and development of software solutions according to development standards, with the goal of providing reliable, stable and operationally sound applications that meet business requirements
- Consistently apply tools, standards, methods and processes in developing solutions to ensure that quality applications are developed with consistent maintainable code which supports risk and compliance management
- Review code to deliver quality driven, robust and production ready code that is compliant and secure