

# Senior Data 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>	Senior Data Engineer	This is an exciting opportunity for a strong Data Engineer to work on a new project that will integrate with all major systems at the ASX.
<b>Reports to:</b>	Ben Amiot	
<b>People Management:</b>	No	You will be focusing on developing and delivering high quality software solutions that will have a major impact on ASX central systems.
<b>Budget:</b>	N/A	
<b>Team:</b>	Data & Integration Engineering	In this role, the candidate will be part of a cross-functional team responsible for delivering new system providing data processing, archiving and data extract capabilities on the new ASX container platform.
<b>Date:</b>	Sep 2020	
<b>Location:</b>	Sydney, NSW	This role would involve micro-services development in line with industry standards, participation in SCRUM ceremonies (regular updates, backlog refinements, retrospectives, etc.) and liaising with other teams.
<b>Flexible Role:</b>	Yes	
		We are building the system taking automation as our top priority and will expect your contribution in test and delivery automation.

### What you’ll do:

This role is suitable for an experienced Data Engineer specialised in Java development with experience in downstream integration, using multiple protocols such as FIX, JMS, Kafka and Web Services to work on integration with contemporary internal and external systems.

- Work closely with the project Senior Designer and Business Analysts to develop Java micro-services following industry standards
- Maintain CI/CD pipelines and automation
- Maintain deployment configuration (Kubernetes manifests/Helm charts)
- Provide support to QA team to enable automated functional and non-functional testing
- Liaise with other technology teams

### What you've done:

- Developed applications using Java 8+
- Used Spring Boot 2
- Used Docker
- Implemented services running in Kubernetes
- Integrated services using JMS middleware
- Used streaming systems (Kafka, Kinesis, etc)
- Worked in an agile environment

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

- Experience with reactive frameworks (Project Reactor, RX, etc)
- Experience with TIBCO BusinessWorks Container Edition

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

- Excellent oral and written English communication skills.
- Ability to think proactively.
- Ability to work within a small team to work efficiently and effectively.
- Methodical problem solving skills such as root-cause analysis, post-issue follow-up, documentation and knowledge transfer.
- Systematic approach to work tasks to create reliable, reproducible, quality-driven results.
- Active participation in a team focussed on providing excellent customer service.
- Ability to think logically and analytically under pressure.
- Adapt to changing system and environment requirements.