

Software Engineer (Digital)

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
Role:	Software Engineer	<p>As part of the talented Digital Engineering Team, you will be working on a large program of work focussed building out a foundational digital services platform. The DSP will underpin all digital initiatives and will be part of the ASX application landscape for years to come.</p> <p>You will be directly involved in the design and build out of the new platform where you can apply your contemporary engineering skills and get your hands on some of the latest technologies in the industry.</p> <p>You will be working in a cross-functional agile environment that requires collaboration across the domain, business stakeholders, project team members and broader engineering team.</p>
Reports to:	Senior Solution Designer	
People Management:	N/A	
Budget:	N/A	
Team:	Technology and Data	
Date:	October 2021	
Location:	Sydney, NSW	
Flexible Role:	Yes	

Role Description

The ASX has embarked on an exciting and cutting edge initiative to build out a Digital Platform. The role is focused on building this Digital Services Platform. The DSP has been designed using microservices principles and event driven architecture.

Your Experience and Skills

- Proven experience in microservice and API development using event driven architecture
- Strong experience in JAVA, Springboot, JPA, Messaging, Kafka and open source technologies
- Proven experience in API and messaging security implementation
- Strong testing experience following TDD and BDD
- Experience in delivering major pieces of work in a complex, agile environment
- Sound knowledge of system analysis methods and tools
- Experienced in both Agile and Waterfall delivery methodologies
- Experienced with CI/CD tools and concepts
- Experience in automation and scripting
- Front end skills – React, GraphQL, Javascript

Additional Skills that would be an advantage

Experience in / with these tools / technologies / methodologies would be an advantage:

- Kubernetes, GKE and other cloud technologies (AWS/GCP)
- Experience with monitoring and alerting tools i.e. ELK
- Previous Salesforce programming or platform architecture exposure
- Integration technologies covering enterprise service bus and streaming technologies such as Apache Kafka, Tibco ESB or similar

What we are looking for and what you will do

DELIVERY

- Perform design and development of software solutions within our digital domain
- Develop operational and system support tools including documentation to enable effective maintenance and support of applications
- Contribute to the health of the code base by conducting effective code and process reviews
- Apply Agile frameworks, techniques and processes to deliver incremental value to areas of responsibility
- Provide estimates and contribute to sizing of backlog

SOLUTION DESIGN

- Contribute to the designing of solutions across the Digital Domain
- Work with stakeholders to define technical options and agree solutions, in line with the digital roadmap and architectural guidelines
- Share design skills across the organisation

PROBLEM MANAGEMENT

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

QUALITY & 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
- Apply a continuous improvement mindset to standards, methods and processes

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

- Strong interpersonal and stakeholder management skills, be collaborative and resilient
- Passion for excellence and a continuous improvement mindset