**Schedule 1**

**Position Summary**

The permanent position of API - Engineer is responsible for providing a high quality consulting and software development service to clients. The role from time-to-time require you to lead a team of technical and solutions professionals on all levels, focusing on strong backend & API Engineering.

**Position Details**

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| Purpose: | A passionate, results focused individual to take accountability for the  API development..  The API Engineer will be part of our delivery team and  will be responsible for providing technical leadership throughout all  phases of the software delivery life cycle with a key focus on Backend & API Egineering.  A strong focus will be placed on your ability to employ market leading  development patterns and practices. You are expected to utilise agile  methodologies to find a balance between speed to market and high  quality outputs whilst using cutting edge web based solutions to drive a  first class customer experience. | |  |
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| Accountabilities: |  | |  |
| **Key Responsibilities**  **Experience with**   * Experience writing production backend code in Python * .Net or Java deep backend knowledge at least 5 years * REST services - Required * SOA - backend server architecture understanding * Deploy developed features on dev kubernetes cluster - key requirement * Checkin/checkout from assigned projects on githost * Write and run unit tests on new and existing code * Participate in daily scrums, sprint planning, sprint demos etc * Update work progress on JIRA * Document code, design * Review designs code, unit tests * Containerization of API using Docker / Kubernetes / Other Orchestrators * A product-first approach to building software. A focus on commerciality and functionality of your software * Maintain working knowledge of API management platforms and API related activities; requirement analysis, solution architecture and design, resource-based API modeling, micro-services architecture. * Maintain knowledge of API design standards, patterns, and best practices. * Develop and Troubleshoot message translation related issues while communicating with backend (JSON to SOAP / SOAP to JSON). * Configuring certificates / encryption decryption * Document/generate API specifications for multiple consumers and make sure that integration is seamless across the board * Contribute to our Continuous Delivery culture * Computer Science educated | |  |
| A list of the ​key |  |
| responsibilities of the |  |
| role, detailing what the |  |
| role is accountable for |  |
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|  | **Key Interactions** |
|  | ● Working with the following individuals/teams to achieve the following |
|  | outcomes: |
|  | o Build Team – performing code reviews and estimates for project |
|  | initiatives / functionality as well as driving improvements in team |
|  | development practices whilst also delivering functionality using |
|  | market leading patterns |
|  | o Solution Design Team – performing design documentation |
|  | review, and working to drive scalable, high performance |
|  | solutions |
|  | o Build Engineering Team – Assist with the technical leadership |
|  | around all aspects of the software delivery life cycle. Identify |
|  | potential performance bottlenecks and or hotspots requiring |
|  | detailed performance testing |
|  | **Beneficial knowledge and experience** |
|  | ● Experience working with distributed fault tolerant systems |
|  | ● Working/Coaching with Agile software development team |
|  | ● Behaviour Driven Development approaches |
|  | ● Experience with application performance profiling tools |
| Attitude & Behavior |  |
| ● Self-motivated, organisational skills, able to work autonomously and  within a team.  ● Strong time management abilities, attention to detail.  ● Ability to manage multiple task assignments and make suggestions  for improvement.  ● A mindset to increment, with vision. |
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| Financial |  |
| None |
| accountability: |  |
| People |  |
| None |
| accountability: |  |
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**Key Relationships**

**Within organisation:** Director, Principal Consultant, Software Engineers.

**External to organisation:** Management, Consulting and Technical Staff.

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