**Position Description**

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| CPB orange line art |
| Position Title |
| Azure Data and Integration Developer |
| Position Dimensions |
| Business Unit and Location: | CIMIC ICT – North Sydney |
| Date PD Prepared/Updated: | Oct 2023 |
| Primary Purpose of the Position |
| This role is responsible for leading development of end to end Azure integration solutions, which must be aligned to CIMIC’s OneIT Target Reference Architecture and will include the following responsibilities:1. Ensure the solution is compliant with CIMIC’s Security Standards;
2. Build data and integration solutions that are aligned to CIMIC’s Target Reference Architecture;
3. Build and unit test the data and integration solution (hands-on development);
4. Follow CIMIC’s path to production environments;
5. Provide technical support during test phases (e.g. UAT);
6. Schedule and execute handover sessions to handover the solution to BAU Support;
7. Follow CIMIC’s CAB process to deploy the solution in PROD and provide post go-live hypercare support;
8. Prepare technical specification documents including implementation instructions;
9. Obtain code review approval to ensure compliance to standards.

The development and maintenance of the CIMIC’s data and integration solutions must be aligned to CIMIC’s Target Reference Architecture, strategic roadmap and consideration to emerging technologies. |
| Reporting Relationships |
| This Position Reports to: | Manager, Integration and Architecture, Digital Strategy and Transformation  |
| Direct Reports: | N/A |
| Minimum Requirements for the Position |
| Education and Qualifications required for this position  |
| * Degree qualified in either ICT, Engineering or Science in a relevant discipline
* At least 2-3 years’ relevant experience in a similar role
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| Experience, Skills and Behavioural Competencies required for this position |
| * Data and integration solution design skills
* Experience in relevant Azure projects such as data ingestion, storage, transformation/enrichment, data lake solutions, point-to-point integrations, real-time and batch integrations
* Understanding of relevant security compliance requirements
* Good knowledge of Azure standards as they apply to data and integration solutions
* Experience working with on and offshore teams
* Strong compliance with architectural design and solutions
* At least 2 out of the 3 pillars of technical skills below:

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| Tech Pillar #1 Ingestion | Tech Pillar #2 Process/Enrichment |
| API Manager, REST APIs, Web API | Azure Databricks |
| Azure Logic Apps, Function Apps (C#, Python) | Azure SQL and SQL MI (with SQL skills) |
| Azure Data Factory and Integration Runtimes | Azure Data Factory (including orchestration of Databricks notebooks) |
| Azure Storage, Delta Lake | Azure Storage, Delta Lake |
| Creation of Azure GitHub Repos, Build and Release Pipelines | Creation of Azure GitHub Repos, Build and Release Pipelines |
| Azure Key Vault | Azure Key Vault |
| Service Principles, Security and Azure AD Groups/Entra ID | Service Principles, Security and Azure AD Groups/Entra ID |

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