

POSITION DESCRIPTION

Senior Integration Analyst

Position Level	9
Faculty/Division	Operations
Position Number	<i>ADMIN ONLY</i>
Original document creation	August 2020

Position Summary

The Senior Integration Analyst is responsible for the core integration platform as well as for the development of services using the platform. This includes the implementation of new core integration requirements as well as supporting projects using the integration platform.

The position will report to the Head of Integration and has no direct reports.

Accountabilities

Specific accountabilities for this role include:

- Own and enhance the UNSW IT standard integration platform based on Microsoft technology stack.
- Analyse specified requirements and architectures to design appropriate objects and methods to implement specified functional and non-functional requirements
- Lead hands-on development / configuration or coordinate the implementation with internal IT Teams and selected vendors. This includes delivery of central integration components as well as components to be integrated into business applications
- Guide developers and coordinate with internal organisational units (e.g. Architecture, Service Management, Application owners) as well as suppliers during implementation.
- Lead the collaborative creation and iteration of viable specifications and acceptance criteria in preparation for the deployment of information and communication systems.
- Coordinate infrastructure or integration platform changes to integrate applications into the technology landscape
- In collaboration with Solution Architects, document the integration architecture of business applications.

- Design and implement Web Service interfaces, and implement integration logic (orchestration, transformation) in the Microsoft Azure Platform.
- Define integration standards and guide developers on how to use the integration platform.
- In collaboration with Architects review application software for compliance with integration standards and conformance with agreed architecture
- Recommend/design structures and tools for systems which meet business needs and takes into account target environment, performance and security requirements and existing systems.
- Deliver technical visualisation of proposed applications for approval by customer and execution by system developers.
- Translate logical designs into physical designs, and produces detailed design documentation.
- Specify and develop test scenarios to test that new/updated processes deliver improved ways of working for the end user at the same time as delivering efficiencies and planned business benefits.
- Proactively manage complex risks, issues and financials, and work with the team to ensure appropriate solutions are in place.
- Support leadership in optimising the way in which the Application Integration Services work, including practices, organisation, and resourcing to promote team dynamics and opportunities for continuous improvement.
- Oversee and finalise effective communications with key stakeholders, both internal and external and provide influential input with stakeholders to achieve business outcomes.
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#)
- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health & safety of yourself or others

Skills and Experience

- Tertiary qualifications in IT or related discipline together with 7+ years' experience in software development using Cloud & architectures and middleware components.
- Demonstrated capability as an integration specialist using Microsoft Azure platform covering Apps Services , Azure Service Bus , Azure Data factory , Data Lake and Data Bricks.
- Experience with Planning, designing, and deploying Azure IaaS, PaaS and SaaS deployments, migrations, network, and security frameworks.
- Experience with Dev Ops and CI/CD tools.
- A sound knowledge of system integration methods, products, tools, development life cycle and the impact of integrated solutions on it.
- Has a proven track record of working within appropriate project management methodologies utilising the best of Waterfall and Agile.
- Strong knowledge of system testing and software quality assurance practices and methodologies as applied to integrated solutions.
- Comprehensive analytical and problem-solving skills and proven capacity to exercise initiative, flexibility and to be proactive in development of robust solutions to problems.

- Advanced written and verbal communication skills, with a high level of attention to detail for deliverables produced.
- Demonstrated success working effectively and collaboratively on initiatives with a range of people at different levels within an organisation.
- Excellent time management skills, with a demonstrated ability to respond to changing priorities, manage multiple tasks and meet competing deadlines by using judgement and initiative.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

About this document

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role