POSITION DESCRIPTION

Senior Integration Analyst Developer



POSITION DETAILS

Position Title	Senior Integration Analyst Developer
Classification	HEW Level 9
Position Number	
School/Office	ITDS
Division	Operations

POSITION PURPOSE

The Senior Integration Analyst Developer designs, builds, and maintains integration solutions that enable secure, reliable, and efficient data exchange between systems. Working under the guidance of the Integration Architect and in alignment with designs from the Integration Architect, the role implements and supports integration components that meet business requirements and governance standards. The position applies best-practice integration methods, automation, and quality assurance to ensure services are scalable, maintainable, and fit for purpose.

The role will contribute to key Student Success Program projects including the enhancement of learning platforms and the student management system. The role will have a dotted reporting line to the Integration Architect in Data and Business Intelligence Team.

KEY ACCOUNTABILITIES

- Design, develop, and maintain integration services and APIs to enable secure and reliable data exchange between systems.
- Implement integration solutions that align with architectural standards, governance requirements, and security policies.
- Apply automated monitoring, logging, and error-handling processes to ensure integrations remain stable and efficient.
- Collaborate with stakeholders to clarify requirements and deliver integration solutions that meet business needs.
- Maintain clear documentation for integration processes, technical specifications, and data flows.
- Work with data engineers and platform teams to ensure integrations align with broader data platform architecture.
- Conduct quality assurance checks, testing, and performance tuning for integration services.

- Stay current with integration technologies, tools, and best practices, recommending improvements where applicable.
- Recommend and influence integration architecture decisions to support strategic data initiatives.
- Lead the evaluation and adoption of emerging integration technologies and tools.
- Provide expert advice on integration best practices, security, and governance to technical and business stakeholders.
- Contribute to the development of integration standards and policies across the university.

Participate as a member of cross-functional project teams, including to project meetings such as standups and showcases, and reporting

QUALIFICATIONS, EXPERIENCE AND SKILLS

1. Tertiary qualification (preferably post graduate) in Information Technology, Computer Science, or a related field.
2. Minimum 5 years' experience in developing and supporting integration services or APIs in a complex environment.
3. Experience with Microsoft Azure Integration Services
4. Hands-on experience with Azure Function (with Python), APIM, Logic Apps, Service Bus, Event grid, Azure Data Factory, including pipeline design, orchestration, and monitoring.
5. Proficiency in integration technologies, frameworks, and tools (e.g., REST, SOAP, ESB, ETL).
6. Strong understanding of data formats and transformation (e.g., JSON, XML, CSV).
7. Commitment to quality, security, and governance in all deliverables.

Desirable

- Experience in higher education, public sector, or other regulated industries.
- Familiarity with CI/CD practices, version control systems (e.g., Git), and Azure DevOps.

KEY RELATIONSHIPS

This position reports to: Associate Director, Solution Architect Students and Teaching (7015480)

This position supervises: No supervisory responsibilities but may mentor junior staff

Key internal relationships:

- Digital Services
- Data and Business Intelligence teams
- Business systems owners

Key external relationships:

- Vendors and solution partners

CHALLENGES

- Designing and maintaining integrations that perform reliably under high data volumes and complex workflows.
- Navigating evolving business requirements while ensuring alignment with architectural, security, and governance standards.
- supporting the adoption of new integration technologies and practices across teams.
- Ensuring integration solutions support enterprise-wide data strategy and digital transformation goals.

OCCUPATION SPECIFIC CAPABILITY SET

CAPABILITY GROUP SFIA®	CAPABILITY NAME	DESCRIPTION	LEVEL
Strategy and architecture	Risk Management	Identifies risks and vulnerabilities, assesses their impact and probability, develops mitigation strategies and reports to the business.	L4
Strategy and architecture	Technical specialism	Provides professional advice that informs operational leadership and influences the translation of strategy into operations in their specialist area.	L5
Strategy and architecture	Methods and tools	Provides authoritative advice and leadership to promote adoption of methods and tools and adherence to policies and standards.	L5
Development and implementation	Systems Design	Reviews systems designs and ensures appropriate methods, tools and techniques are applied effectively. Makes recommendations and assesses and manages associated risks.	L5
Development and implementation	Programming / Software Development	Takes technical responsibility across all stages and iterations of software development.	L5
Development and implementation	Systems integration and build	Leads integration work in line with the agreed system and service design. Assesses risks and takes preventative action. Measures and monitors applications of standards.	L5
Development and implementation	Software Configuration	Measures and monitors the application of standards for configuration design and deployment including software security.	L5
Development and implementation	Data Analysis	Coordinates the application of analysis, design and modelling techniques to establish, modify or maintain data structures and their associated components.	L5
Development and implementation	User experience analysis	Provides expert advice and guidance to support the adoption and adaptation of agreed approaches.	L5
Delivery and operation	Systems Installation and Removal	Monitors the effectiveness of installations and ensures appropriate recommendations for change are made.	L5
Delivery and operation	Change Control	Identifies problems and issues and recommend corrective actions.	L5
Change and transformation	Requirements definition and management	Obtains input and agreement to requirements from a diverse range of stakeholders. Negotiates with stakeholders to manage competing priorities and conflicts.	L5
Change and transformation	User Acceptance Testing	Ensures tests and results are documented, analysed and reported, highlighting issues and risks to stakeholders. Provides authoritative advice on acceptance testing planning and execution.	L5
Change and	Business Process	Selects, tailors and implements methods	L5

transformation	Improvement	and tools for improving business processes at programme, project or team level.	

UNIVERSITY EXPECTATIONS

The University expects that all employees are aware of, and comply with legislation and Western's policies and procedures relevant to the position, including but not limited to:

- → Code of Conduct
- → Work Health and Safety and Wellbeing Management System
- → Enterprise Agreement or Award
- → Anti-discrimination principles, Equal Employment Opportunity and staff and student equity.

Approved by:
Date: