

POSITION DESCRIPTION

Position Title	Systems & Integration Engineer		
Organisational Unit	Information Technology		
Functional Unit	Application and Integration Services		
Nominated Supervisor	National Manager, Application and Integration Services		
Classification	HEW 8		
CDF Level	CDF1	Position Number	10613137
Attendance Type	Full Time	Date reviewed	21-NOV-2025

ABOUT AUSTRALIAN CATHOLIC UNIVERSITY

Mission Statement: *Within the Catholic intellectual tradition and acting in Truth and Love, Australian Catholic University is committed to the pursuit of knowledge, the dignity of the human person and the common good.*

An ACU education builds on the Catholic understanding of faith and reason working together in pursuit of knowledge and promotion of human dignity and the common good.

An ACU education seeks to transform lives and communities. Students are challenged to look beyond the classroom, solve real-world problems, develop their own search for meaning and cultivate strong professional ethics. They are invited to stand up for people in need and causes that matter.

ACU is open to all. As is common with great Catholic institutions the world over, the university is inclusive and supportive of everyone, every day – regardless of their faith or tradition.

ACU is a young university making a serious impact. Ranked in the top two per cent of universities worldwide and in the top 10 Catholic universities, we're also a leader in employability with 94 per cent of our graduates employed. The university has seven campuses around Australia, a campus in Rome, Italy, and an online campus – ACU Online.

ACU has four faculties, and several research institutes and directorates. We believe our number one asset is our people. It's the character, enthusiasm and dedication of our staff that make this a university like no other. All our staff contribute to the achievement of our goals set out in ACU's Vision 2033 and aim to provide high-quality services with a strong focus on service excellence.

To be agents of change in the world, we all need to see life through the eyes of others. We believe that our role as a university is to inspire and equip people to make a difference – and that means cultivating their ability to act and think empathetically.

The structure to support this complex and national university consists of:

- Vice-Chancellor and President
- Deputy Vice-Chancellor - Catholic Mission
- Provost and Deputy Vice-Chancellor (Academic)
- Deputy Vice-Chancellor (Corporate)
- Deputy Vice-Chancellor (Research and Enterprise)
- Deputy Vice-Chancellor (Education)

ABOUT INFORMATION TECHNOLOGY

Operating within the ACU's Corporate Services Portfolio, the Information Technology Directorate's core purpose is to deliver and manage the technology capabilities required to enable learning, teaching, research and business support functions across ACU to achieve their strategic and operational objectives and to foster a culture of digital innovation that enables the advancement of ACU's offer and execution, student experiences, and its industry partnerships.

The Information Technology Directorate is led by the Chief Information and Digital Officer (CIDO) and a leadership team of five direct reports, each representing distinct areas of focus required to realise its purpose, namely, Enterprise Capabilities, Data Excellence, Cyber Security, Service Delivery, and Digital Innovation & Change.

ABOUT ENTERPRISE CAPABILITIES

Enterprise Capabilities enables the University to deliver and maintain robust, dynamic, secure and highly available systems to support the delivery of strategic priorities and operational needs.

This function focuses on operational efficiency, excellence in service delivery, security, availability, access, and reliability, for platform and application services. These services support research, high-quality teaching and learning and corporate services. The department contains two organisational units, Applications & Integration Services and Digital Platform Services.

- Application and Integration Services are responsible for implementing, integrating, supporting, and maintaining applications across the ACU enterprise portfolio of applications. Core applications supported include the Student Management and related satellite systems, public and staff websites and the Student Portal. Integrating on-premises systems with the increasing number of Software as a Service applications used by ACU, is a significant enabler of business process improvement and efficiency.

- Digital Platform Services are responsible for critical platforms and core technologies including compute, storage, back-up, enterprise multi-state campus networks including firewalls, single sign-on, operating systems, database, and communication systems administration. ACU is moving to public cloud services and minimising on-premises infrastructure in as many areas as possible.

ABOUT APPLICATION AND INTEGRATION SERVICES

Application and Integration Services are responsible for implementing, integrating, supporting, and maintaining applications across the ACU enterprise portfolio of applications. Core applications supported include the Student Management and related satellite systems, public and staff websites and the Student Portal. Integrating on-premises systems with the increasing number of Software as a Service applications used by ACU, is a significant enabler of business process improvement and efficiency.

POSITION PURPOSE

The Systems & Integration Engineer will be responsible for analysing, documenting, developing and maintaining technical aspects for the OPM project; including working with stakeholders, end users, project team members and vendors to develop or recommend solutions appropriate to ACU business requirements.

The role will ensure the effective delivery in implementing, enhancing and maintaining new requirements for OPM that will support business critical systems.

KEY RESPONSIBILITIES

Introduction

A number of frameworks and standards express the University's expectations of the conduct, capability, participation and contribution of staff. These are listed below:

- [ACU's Vision 2033](#)
- [Catholic Identity and Mission](#)
- [Code of Conduct for all staff](#)
- [ACU Capability Development Framework](#)
- [ACU Staff Enterprise Agreement 2022-2025](#)
- [ACU Staff Reconciliation Action Plan](#)

The [Capability Development Framework](#) describes the core competencies needed in all ACU staff to achieve the university's strategy and supports its mission.

Responsibility	Scope
<p>System Analysis and Design: Responsible for the full software lifecycle, analysis and refining requirements, system design, estimating, coding, testing, deployment and ongoing maintenance.</p> <p>Develop, design and support robust, scalable, and high-quality digital applications using industry best practices and coding standards.</p> <p>Perform code reviews, offer constructive feedback, and ensure adherence to coding standards and best practices.</p> <p>Stay up to date with emerging technologies, trends, and</p>	<p>The position contributes to activities; outcomes and goals; that are implemented and have impact across the University</p>

Responsibility	Scope
industry advancements, and if applicable, apply them to enhance development processes and methodologies.	
<p>Technical Documentation: Create detailed technical documentation, integration diagrams, data flow diagrams, interface specifications, and API documentation.</p> <p>This documentation serves as a reference for the team post project completion and ensures alignment with the proposed solution.</p>	The position contributes to activities; outcomes and goals; that are implemented and have impact across the University
<p>Operational oversight: Participate in the resolution, management, and investigation of incidents, liaising with IT staff, ACU stakeholders, and external entities as required. Ensure effective needs analysis, customer service, and engage in change and problem management of daily operations. Ensure continuous operational delivery of all integrations to safeguard ACU applications and services.</p> <p>Design and execute tests to improve the quality of application performance and reduce operational risk. Deploy and manage various applications and tools to monitor application utilisation trends, performance and security threats as well as assist in issue and incident resolution.</p>	The position contributes to activities; outcomes and goals; that are implemented and have impact across the University
<p>Cross team and business unit collaboration: Work collaboratively within an agile team and with the IT directorate, external vendors and business teams. Provide consultancy to different stakeholders to ensure high quality application services.</p>	The position contributes to activities; outcomes and goals; that are implemented and have impact across the University
<p>All IT Staff Responsibility: Fulfil their responsibilities as members of the IT Directorate, including providing excellent customer service, contributing materials for ACU's knowledge base for continuous service improvement and staying up to date and complying with Cyber Security policies.</p>	The position mainly contributes to activities; outcomes and goals within the faculty/directorate/organisational unit
<p>Other duties: As required from time to time and commensurate to level.</p>	The position mainly contributes to activities; outcomes and goals within the faculty/directorate/organisational unit

HOW THE ROLE OPERATES

The position manages complex; difficult or challenging matters/issues/tasks on a regular basis; These matters are often impacted by internal/external factors (technical; policies and procedures; industrial; funding; academic).
The position is expected to demonstrate critical thinking to make recommendations; to meet changing demands; and provide business aligned solutions.
The position will need to influence and win the support of others to achieve mutually beneficial outcomes.
The position manages a geographically dispersed team.

SELECTION CRITERIA

Qualifications, skills, knowledge and experience:	<ul style="list-style-type: none"> • Qualification - Postgraduate qualifications in applications or systems design and extensive experience in the Architecture patterns, microservices and implementation of new applications within the Education sector an advantage. Cloud certified experience highly regarded, • Skill - Proven experience with current web and development related technologies, frameworks and methodologies (e.g. Linux/Windows servers, .NET, C#, HTML5, CSS, JavaScript (and frameworks), Agile development). Experience in setting up and using build, testing and deployment automation tools (e.g. Git, Azure DevOps, Jira and Confluence. Experience with tools like WSO2 Integration Studio or extensions for Visual Studio Code. • Experience - Knowledge of the university sector and/or common university systems would be highly regarded. • Experience with AWS, Azure, or GCP cloud platforms • Expertise in designing and developing integrations with WSO2 Devant or Choreo. • Experience in implementing APIs in WSO2 MI 4.1 and later versions, EI 6.4 and on-boarding APIs into WSO2 API Manager 4.1 and later version. • Expertise in using WSO2 cloud, file and database connectors. • Experience in building and consuming RESTful and SOAP services. • Experience with monitoring tools like ELK Stack, Prometheus, or WSO2 Analytics • Skill - Ability to analyse complex systems, identify technical challenges, and propose effective solutions. • Strong problem-solving skills to troubleshoot integration issues and optimize system performance. • Understanding and experience with Agile System Development Life Cycle (SDLC) methodologies.
--	--

	<ul style="list-style-type: none"> • Skill - Ability to work within an agile team, collaborate with clients for user and systems requirements, estimate development effort, and ability to effectively communicate complex problems. • Well-developed interpersonal skills with the proven ability to advise senior level stakeholders, with demonstrated ability to communication and negotiation effectively.
Core Competencies:	<ul style="list-style-type: none"> • Demonstrate confidence and courage in achieving ACU's Mission, Vision and Values by connecting the purpose of one's work to ACU's Mission, Vision and Values. • Understand the business environment in which ACU operates and adopt a university-wide point of view to seize opportunities and improve commercial viability. • Work collaboratively internally and externally to ACU to capitalise on all available expertise in pursuit of excellence. • Coach and develop self and others through setting clear expectations, managing performance and developing required capabilities to establish a culture of learning and improvement. • Take personal accountability for achieving the highest quality outcomes through understanding the ACU context, self-reflection, and aspiring to and striving for excellence.
Essential Attributes:	Demonstrated commitment to cultural diversity and ethical practice principles and demonstrated knowledge of equal employment opportunity and workplace health and safety, appropriate to the level of the appointment.
Working with Children and vulnerable adults check	This role does not require a Working with Children Check.

REPORTING RELATIONSHIPS

For further information about the structure of the University, refer to the Organisation Chart <https://www.acu.edu.au/about-acu/leadership-and-governance/leadership/organisational-structure>



