Solution Architect – Research Domain

POSITION NUMBER 0054034

PROFESSIONAL CLASSIFICATION Senior Manager 1

STANDARD/SALARY

SUPERANNUATION Employer contribution of 17%

WORKING HOURS Full Time (1 FTE)

BASIS OF EMPLOYMENT Continuing

HOW TO APPLY Go to http://about.unimelb.edu.au/careers, under Current staff or Prospective staff, select the relevant option (‘Current Opportunities’ or ‘Jobs available to current staff’) and search for the position by title or number.

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Please do not send your application to this contact

For information about working for the University of Melbourne, visit our website: about.unimelb.edu.au/careers
THE UNIVERSITY OF MELBOURNE

Established in 1853, the University of Melbourne is a leading international university with a tradition of excellence in teaching and research. The main campus in Parkville is recognised as the hub of Australia’s premier knowledge precinct comprising eight hospitals, many leading research institutes and a wide-range of knowledge-based industries. With outstanding performance in international rankings, the University is at the forefront of higher education in the Asia-Pacific region and the world.

The University of Melbourne employs people of outstanding calibre and offers a unique environment where staff are valued and rewarded.

Find out more about the University’s strategy, ‘Advancing Melbourne’, at https://about.unimelb.edu.au/strategy/advancing-melbourne

CHIEF OPERATING OFFICER PORTFOLIO

The Chief Operating Officer (COO) Portfolio enables quality outcomes for students, staff and partners by delivering University-wide services and operational support to meet the organisation’s evolving needs and strategic goals. The portfolio also works in partnership with teams across the University to drive innovation, transformation and improved performance, within and across functions. It is responsible for the University’s budget and financial performance, and the management of its property and capital.

The COO Portfolio is comprised of six sub-portfolios covering all areas of our operations, including:

- Business Services
- Finance
- Legal and Risk
- Operational Performance Group
- Research, Innovation and Commercialisation
- Student and Scholarly Services

BUSINESS SERVICES

Business Services provides a full range of class leading information technology, facilities management, finance, HR and health and safety services to all operating entities of the University.

Within Business Services, the Research Domain develops and strategically manages the information technology needs of researchers across the University by providing project delivery, uplift, management and support for core and enterprise research systems.
EQUAL OPPORTUNITY, DIVERSITY AND INCLUSION

The University is an equal opportunity employer and is committed to providing a workplace free from all forms of unlawful discrimination, harassment, bullying, vilification and victimisation. The University makes decisions on employment, promotion, and reward on the basis of merit.

The University is committed to all aspects of equal opportunity, diversity and inclusion in the workplace and to providing all staff, students, contractors, honorary appointees, volunteers and visitors with a safe, respectful and rewarding environment free from all forms of unlawful discrimination, harassment, vilification and victimisation. This commitment is set out in the Advancing Melbourne strategy that addresses diversity and inclusion, equal employment opportunity, discrimination, sexual harassment, bullying and appropriate workplace behaviour. All staff are required to comply with all University policies.

The University values diversity because we recognise that the differences in our people’s age, race, ethnicity, culture, gender, nationality, sexual orientation, physical ability and background bring richness to our work environment. Consequently, the People Strategy sets out the strategic aim to drive diversity and inclusion across the University to create an environment where the compounding benefits of a diverse workforce are recognised as vital in our continuous desire to strive for excellence and reach the targets of Advancing Melbourne.

ABOUT THE ROLE

Position Purpose:

The Solution Architect’s purpose is to ensure alignment between the University’s business and IT strategy. This involves the development and communication of solution architectures resolving stakeholder concerns, which are aligned with the Enterprise Architecture and IT strategy. The Solution Architect also oversees the deployment of those projects within the agreed solution architecture. The role contributes to the development of IT strategy and architecture and may coach and support technical groups. The Solution Architect will have the vision and drive, to continuously improve solutions in support of IT delivery, working collaboratively with other IT teams and stakeholders to ensure recognition of, and responsiveness to, the needs of internal and external clients. In addition, the Solution Architect, Research Domain, is a member of the leadership team for the domain with people management for up to 5 Solution Architects (contract and continuing).

Reporting line: Director, Research Domain

No. of direct reports: 5
No. of indirect reports: 1 to 5
Direct budget accountability: 0
Key Dimensions and Responsibilities:
Task level: Significant
Organisational knowledge: Significant
Judgement: Extensive
Operational context: University wide

OH&S and compliance: All staff are required to take reasonable care for their own health and safety and that of other personnel who may be affected by their conduct. These include general staff responsibilities and those additional responsibilities that apply for managers, supervisors and other personnel. Specific responsibilities for the role are available at http://safety.unimelb.edu.au/topics/responsibilities/.

Staff must comply with all relevant requirements under the University’s risk management framework including legislation, statutes, regulations and policies.

Core Accountabilities:
1. Solution Architecture
   - Use appropriate tools and techniques, including logical models of components and interfaces, to contribute to the development of systems architectures in specific business or functional areas.
   - Within a business change program, assist in the preparation of technical plans and cooperate with business assurance and project staff to ensure that appropriate technical resources are made available.
   - Provide specific advice on technical aspects of system development and integration (including requests for changes, deviations from specifications, etc.) and ensure that relevant technical strategies, policies, standards and practices (including security) are applied correctly.
   - Drive the selection of and implementation of new technologies which provide business benefit to the organization; support articulation of business cases.
   - Contribute to domain architecture including principles and standards and work with other Solution Architects to ensure these are incorporated into designs.
   - Perform quality assurance and peer reviews on Business Solution Architectures and Infrastructure High Level Designs to ensure they meet University standards and comply with mandates and principles.

2. Consultancy
   - Responsible for understanding client requirements, collecting data, delivering analysis and problem resolution.
   - Identify, evaluate and recommend options, implementing if required.
   - Collaborate with, and facilitate stakeholder groups, as part of formal or informal consultancy agreements.
• Seek to fully address client needs, enhancing the capabilities and effectiveness of client personnel, by ensuring that proposed solutions are properly understood and appropriately exploited.

3. Technical Expertise
• Maintain an in-depth knowledge of system architecture and associated technologies and provide expert advice regarding their application.
• Manage specialist consultancy and system integrators.
• Maintain subject area industry level technical knowledge and expertise.

4. Emerging Technology Monitoring
• Monitor the market to gain knowledge and understanding of currently emerging technologies.
• Identify new and emerging hardware and software technologies and products based on own area of expertise, assesses their relevance and potential value to the organisation, contribute to briefings of staff and management.

5. People Management & Leadership
• Lead and manage a team of up to 5 Solution Architects, including performance, professional and personal development, coaching, recruitment and selection processes.

Selection Criteria:

Education/Qualifications
1. The appointee will have a relevant tertiary qualification in information systems, computer science or engineering to at least Bachelor level or an equivalent combination of relevant experience and education/training. Post-tertiary professional qualifications in architecture eg: TOGAF will be highly regarded.

Knowledge and skills:
2. Demonstrate Business Services values by acting in the best interest of your employer; displaying service excellence by striving to deliver beyond expectations and taking ownership of the delivery; and value working collaboratively, connecting with people and building relationships in your workplace.
3. Highly developed knowledge and skills in solution architecture and the architecture process.
4. Demonstrated experience in coordinating large-scale, cross-organisational initiatives with multiple stakeholders.
5. Excellent consultancy skills, including communication, facilitation and presentation skills.
6. Broad understanding of current and emerging technology and possible business applications.
7. Commercial acumen, and market awareness.
8. Demonstrated teamwork and leadership skills, including people management & leadership.
9. Maintains a positive attitude and continues to deliver consistent quality work in the face of challenging situations.
11. Ability to relate to both technical and non-technical stakeholders.

Other job-related information:
Occasional out of hours work and travel to other University locations within Victoria may be required from time to time, depending on project needs.