



## Position Description – Senior Research Software Engineer

### Position Details

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**Position Title:** Senior Research Software Engineer

**College/Portfolio:** Operations    **School/Group:** Information Technology Services

**Campus Location:** Primarily based at City campus, and the potential to work across other RMIT campuses as required.

**Classification:** HEW8    **Time Fraction:** 1.0

**Employment Type:** Continuing

**Reporting Line:** Delivery Lead, Digital Research Infrastructure

**No. of Direct reports:** 0

### RMIT University

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RMIT is a global university of technology, design and enterprise, committed to creating transformative experiences for students and making a meaningful impact through research, innovation, and engagement. For more information on RMIT University follow the links below.

<https://www.rmit.edu.au/about>

<https://www.universitiesaustralia.edu.au/university/rmit-university/>

<https://www.rmit.edu.au/about/facts-figures>

Our campuses in Melbourne (City, Brunswick, Bundoora, and Point Cook) are complemented by international campuses in Vietnam and a centre in Barcelona, Spain. We proudly acknowledge the Woi Wurrung and Boon Wurrung peoples of the eastern Kulin Nation on whose unceded lands our campuses are located.

We are deeply committed to reconciliation and Indigenous self-determination, embedding these values throughout our policies, culture and structures.

<https://www.rmit.edu.au/about/our-locations-and-facilities>

### Why Join RMIT?

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Our people are at the heart of everything we do. At RMIT, we value innovation, collaboration and impact. Our values are the heart (durrung) of who we are and what we stand for at RMIT. They guide what we do, how we make decisions, and how we treat each other.



**Inclusion   Imagination   Integrity   Courage   Passion   Impact**

Learn more about our values: <https://www.rmit.edu.au/about/our-strategy/values>

## Organisational Accountabilities

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RMIT is committed to the safety, wellbeing and inclusion of all staff and students. As a staff member, you are expected to comply with all relevant legislation and RMIT policies, including those related to: Equal opportunity, Occupational health and safety, Privacy and trade practices & Child safety standards:

Appointees are responsible for completing all required training and ensuring that they and their team members remain up to date on relevant compliance obligations.

Staff are expected to understand and support RMIT's child safe practices as part of their professional responsibilities. More about our child safety commitment: <https://www.rmit.edu.au/about/our-locations-and-facilities/facilities/safety-security/child-safety>.

## Leadership at RMIT

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At RMIT, leadership is not defined by position or hierarchy—it is a shared responsibility demonstrated by all staff, regardless of role or title. Leadership is grounded in our six core values, which guide and shape how we work together, make decisions, and create impact.

Effective leadership means consistently integrating these values into everyday actions and interactions, whether influencing a project outcome, supporting a colleague, or leading a team. All staff are expected to embody the principles of the *Be-Know-Do* Leadership Model:

**Be** – We are open and authentic, inclusive and empowering. We are purpose driven role models and communicators.

**Know** – We are self-aware, and understand our stakeholders, our sector and priorities.

**Do** – We set clear direction and expectations, we develop ourselves and others and promote mutual accountability to deliver results.

At every level, leadership at RMIT is about influence, contribution, and mindset. It is reflected in how we empower others, foster collaboration, and drive positive change through capability-building and alignment to strategic goals.

## College/Portfolio/Group

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The Operations portfolio provides daily support for RMIT students, academics and staff. We contribute to operational efficiency and help ensure our people, financial and infrastructure needs are met. The portfolio comprises Property Services Group, People, Information Technology Services, Governance and Legal, Finance and Assurance, Enterprise Projects and Business Performance, Data and Analytics.

## Position Summary

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The role of Senior Research Software Engineer is responsible for providing strategic management and maintenance of RMIT research software delivery platforms, applying expertise to constantly improve the digital research experience for researchers. The role ensures that researchers have reliable access to existing software as well as timely processing of new installs and procurement.

The role requires a combination of deep technical expertise and the interpersonal skills to engage effectively with diverse groups of stakeholders — from researchers and academics across disciplines to professional staff and external partners. The Senior Research Compute Specialist works closely within a cross-disciplinary environment, translating complex technical concepts for non-technical audiences and building collaborative relationships to deliver outcomes that meet the diverse needs of researchers and advance the university's broader research mission.

## Key Accountabilities

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- Lead project delivery using Agile methodologies
- Take ownership of complete lifecycle of research software, from procurement assessment, deployment, testing and management

- Provide technical guidance and support to level 1 and 2 support teams.
- Develop and maintain documentation (technical designs and process documentation).
- Collaborate with RMIT Data and Analytics, and Cyber Security teams on the ongoing development and the application of standards relating to data protection and management.
- Maintain an up to date and in depth understanding of industry best practice for responsible platforms

## **Key Selection Criteria**

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### **Essential:**

- Experience in managing software within a research and development environment
- Experience in large scale services and feature rollouts across enterprises.
- Demonstrated understanding of licensing and compliance requirements for research use cases
- Experience in advanced scripting for large scale automation and testing
- Experience with software packaging and deployment within a Windows ecosystem

### **Desirable:**

- Experience with deployment of software within an Mac or Linux ecosystem
- Experience as an end user of research computing through study or previous employment

## **Qualifications**

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Tertiary qualifications in Information Technology, or equivalent experience

## **Working with Children Check**

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Appointment to this position is subject to holding a valid Victorian Working with Children Check and other checks as required by the specific role. Maintaining a valid Working With Children Check is a condition of employment at RMIT.