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| Position Title | Development Engineer |
| Group/Portfolio | Digital Solutions |
| Classification | HEW 7 |
| Position Number | 000 |
| Reports To | Product Manager – Student Experience or Product Manager – eResearch & Specialised Platforms or Product Manager – Product Manager – Automation and Digitisation Product Manager – Campus Life and GGC |
| Employment Type | Continuing/Fixed Term |

1.0 Position Purpose

Digital Solutions is a value-driven strategic IT partner focused on delivering leading digital experiences for our Students, Colleagues and Community. We work within a contemporary operating model and are modernising our technologies and ways of working to create value and build a digital future for Griffith.

Development Engineers analyse and design technology solutions including architecture to meet specific needs of the client. They develop/code, configure and maintain business functionality including applications and infrastructure; integrate and coordinate applications and infrastructure to deliver business outcomes and drive interoperability. They manage and coordinate their deployment / release pipeline, real-time monitoring and IT operations; and incorporate automation in every stage of the application lifecycle. They have knowledge of the application and infrastructure to resolve issues, i.e. “who builds it fixes it”. They actively contribute to the ongoing continual improvement of Development Engineering practices, methods and tools.

2.0 Eligibility Requirements

- The occupant of this position will hold relevant degree with at least 4 years' subsequent relevant experience; or an equivalent combination of relevant experience and/or education/training.

3.0 Key Responsibilities

- **Specialist advice.** Actively maintains knowledge in one or more identifiable specialisms. Provides detailed and specific advice regarding the application of their specialism(s) to the organisation's planning and operations. Recognises and identifies the boundaries of their own specialist knowledge. Collaborates with other specialists, where appropriate, to ensure advice given is appropriate to the needs of the organisation.
- **Software design.** Undertakes complete design of moderately complex software applications or components applying agreed standards, patterns and tools. Assists as part of a team in the design of components of larger software systems. Specifies user and/or system interfaces. Creates and communicates multiple design views to identify and

balance the concerns of all stakeholders of the software design and to allow for both functional and non-functional requirements. Assists in the evaluation of options and trade-offs. Collaborates in reviews of work with others as appropriate.

- **Programming/software development.** Designs, codes, verifies, tests, documents, amends and refactors moderately complex programs/scripts. Applies agreed standards and tools, to achieve a well-engineered result. Collaborates in reviews of work with others as appropriate.
- **Testing.** Reviews requirements and specifications and defines test conditions. Designs test cases and test scripts under own direction, mapping back to pre-determined criteria, recording and reporting outcomes. Utilises automated testing tools where available and contributes to the automated testing capability. Analyses and reports test activities and results. Identifies and reports issues and risks associated with own work.
- **Release and deployment.** Uses the tools and techniques for specific areas of release and deployment activities. Administers the recording of activities, logging of results and documents technical activity undertaken. May carry out early life support activities such as providing support advice to initial users.
- **Application support.** Identifies and resolves issues with applications, following agreed procedures. Uses application management software and tools to collect agreed performance statistics. Carries out agreed applications maintenance tasks.
- Support compliance with relevant legislation and University policies and procedures, including equity and health & safety and exhibit good practice in relation to same.
- Be a leading example of the principles and values embodied in the University's Code of Conduct, and behave, act and communicate at all times to reflect fairness, ethics and professionalism.

4.0 Key Capabilities

- Griffith University identifies the attributes of resilience, flexibility, creativity, digital literacy and entrepreneurship as critical to our graduates' success, in the rapidly changing future world of work. We have established a Griffith University Capability Development Framework to provide a common language of some of the non-technical organisation skills that will support our staff to thrive now and into the future. The Capability Development Framework will assist you to understand the current skill level of this position in the non-technical but critical skill domains that are increasingly important in a changing workplace context.

To read about some of the non-technical organisation skills for this position, please see the Leads Self section of our [Capability Development Framework](#).