POSITION DESCRIPTION

Senior Developer

Faculty/Division	Division of Operations
Classification Level	Professional 8
	G - Administrative, Clerical, Computing, Professional &
Hours & Span (Category)	Research Staff
Position number	ADMIN ONLY
Shiftwork status	NOT SHIFTWORKER
Allowances	NOT APPLICABLE
On call arrangements	NOT APPLICABLE
Original document creation	1 December 2019

Position Summary

The role is for a senior team member demonstrating solution development best practice including using contemporary rapid applications development methodologies such as iterative and agile software development. The Senior Developer will be required to leverage the out of the box capabilities and develop custom IT solutions suite (cloud and on premise) for their specialist area as much as possible and associated software to deliver a wide variety of solutions to customers across UNSW. This role will work closely with Developers within the team providing and support and guiding tasks and objectives as required.

The role of Senior Developer reports to the Technology Manager within the Sub Domain and has no direct reports.

Accountabilities

Specific accountabilities for this role include:

- Design, implement and configure complex IT solutions on the multiple solutions platforms in a specialised environment. This may include front-end web application platforms, back-end web application frameworks, cloud based infrastructure platforms (e.g., AWS, Google Cloud, Azure), server operating system admin, database operations, cloud microservices, network architecture, authentication, or cyber security.

- Coach and guide Developers in the team to analyse, coordinator and document highly complex requirements of users.

- Deliver solutions approach and guide Developers in the team in assigned tasks and objectives towards delivering solutions using an Agile/Scrum/Test Driven Development.

- Prepare unit/system/acceptance test cases to validate delivered solutions.

- Test complex solutions implemented on the platforms, and work with Testing and Analysis colleagues in agile delivery.

- Manage and support the end-to-end delivery of solutions.

- Ensure that end users are trained and supported in the use of the solutions provided.

- Engage and collaborate with the relevant technical staff in UNSW IT to manage environments, deployments and tenancy administration activities.

- Ensure excellent customer service to stakeholders by leading by example and guiding Developers in the team to provide timely and efficient service, and to understand and deliver on complex customer needs.

- Support development activity of Developers in keeping with this senior role within the team, providing guidance on assigned tasks or objectives.

- Identify, recommend and implement process and policy improvements within the IT environment.

- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct.](#)

- Ensure hazards and risks psychosocial and physical are identified and controlled for tasks, projects, and activities that pose a health and safety risk within your area of responsibility.

Skills and Experience

- A relevant degree and extensive relevant experience implementing solutions using various IT solutions platforms including two or more of: front-end web application platforms, back-end web application frameworks, cloud based infrastructure platforms (e.g., AWS, Google Cloud, Azure), server operating system admin, database operations, cloud microservices, network architecture, authentication, or cyber security, or an equivalent level of knowledge gained through any other combination of education, training and/or experience.

- Proven ability to apply analytical skill and conceptual thinking to the analysis, design and implementation of complex and specialised solutions, including applying new principles and technology.

- Strong experience working with Agile delivery methodologies.

- Strong experience using a delivery management tool (e.g. JIRA or MS Team Foundation Server).

- Strong experience with preparation and execution of test cases.

- Strong interpersonal skills, and proven ability to establish excellent relationships with fellow IT colleagues, the business and other stakeholders.

- Strong time management skills, with a demonstrated ability to respond to changing priorities, and meet competing deadlines by using judgement and initiative.

- Ability to work collaboratively and productively within a team, including guiding and coaching other Developers, take initiative and work independently while managing competing complex demands.

- Effective negotiation skills, as well as a strong customer service and dispute resolution skills.

- A professional and responsible attitude to the delivery of high-quality customer outcomes.

- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.

- Knowledge of health & safety (psychosocial and physical) responsibilities and commitment to attending relevant health and safety training.

Pre-employment checks required for this position.

- Verification of qualifications

About this document

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.