POSITION DESCRIPTION

POSITION TITLE:	Application and Software Developer
DIVISION / SECTION:	Wellbeing and Preventable Chronic Disease
SUPERVISOR:	Head Renal Health Program
CLASSIFICATION LEVEL:	GSL 9
SALARY RANGE:	$114,827 - $122,448
STATUS (FTE):	0.8-1.0 FTE
DIRECT REPORTS:	0
INDIRECT REPORTS:	0
SPECIAL PROVISIONS	Vaccinated against COVID-19 and ability to provide suitable evidence to Human Resources

ABOUT MENZIES:

Menzies School of Health Research is one of Australia's leading medical research institutes dedicated to improving Indigenous, global and tropical health. Menzies has a history of over 30 years of scientific discovery and public health achievement. Menzies works at the frontline, joining with partners across the Asia-Pacific as well as Indigenous communities across northern and central Australia.

SUMMARY OF POSITION:

The Renal Health Program has a strong focus on evidence translation, program evaluation to inform policy and working with stakeholders to identify community determined strategies to improve the health of all Territorians. The program works in partnership with government and non-government health services locally and at the national level to identify, develop and support innovative strategies to facilitate early identification and management of kidney disease, delay and prevent the requirement for dialysis and improve the patient journey.

This position will be responsible for the development, design and implementation of new or modified software products relating to Territory Kidney Care, a clinical decision support application designed to assist primary health services with the early identification and management of people with chronic kidney disease (CKD). TKC is not an 'off-the-shelf' software product but has been designed and developed in consultation with clinicians. The functionalities TKC offers are unique to the healthcare environment. The ongoing development and expansion of TKC requires a dynamic and experienced software developer to ensure this project meets the requirements of stakeholders and funders.

The Software Developer will join a multidisciplinary team consisting of full-time and part-time staff and PhD students.

PRIMARY RESPONSIBILITIES:

The following responsibilities are not exhaustive and may include others as directed by the supervisor:

1. Research, design, document and manage the successful development of applications into the Production environment.
2. Identify areas for modification/improvements in the existing programs, write and implement efficient code to develop these modifications.

3. Develop component testing and quality assurance procedures including tools, processes, and metrics and document risks.
4. Manage the technical aspects of the project including determining operational practicality supported by appropriate documentation (eg system architecture, business rules, data dictionary) and ensuring project deliverables are completed within planned timelines.
5. Liaise with other developers, team members, contractors and stakeholders to manage change control procedures and to ensure different aspects of the system development are aligned.
6. Identify, assess and manage technical risks as well as ensuring the leadership team are aware of any clinical risks associated with the development and deployment of the application.
7. Interpret user needs and develop realistic project plans taking into consideration end user requirements and ensuring proposed solutions are properly understood and regular and accurate reports of progress are delivered.

SELECTION CRITERIA:

Essential:
1. Post graduate qualifications in information technology, software engineering data science or related disciplines and extensive relevant experience or an equivalent combination of relevant experience and/ or education or training.
2. High level of experience in software development projects using technologies such as Python, Microsoft.NET, Java and SQL.
3. A proven track record in health application development and an in-depth understanding of guidelines and processes to be followed for the development and deployment of health information systems.
4. Proven high level problem solving and critical thinking skills.
5. Demonstrated ability to communicate complex procedures to a range of audiences both verbally and in writing.
6. Demonstrated resourcefulness, positive attitude, analytical and inquisitive mind with the ability to learn new technologies quickly.
7. Demonstrated high level experience building and maintaining strong collaborative partnerships with a diverse range of individuals and organisations.

Desirable:
1. Experience in the use of products such as Sparx Enterprise Architect to document architecture and models.

Aboriginal and/or Torres Strait Islander people are strongly encouraged to apply

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Approved by: Menzies Human Resources

Date: 17 June 2022

PACKAGE COMPONENT	Minimum Value GSL 9/1 ($)	Maximum Value GSL 9/4 ($)
Gross Salary (position advertised as General Staff Level 9)	114,827	122,448
Superannuation (14% superannuation contribution depends on employee contributing 3% of pre tax salary)	16,076	17,143
Salary Packaging Grossed Up (Based on utilising the full $15,900 salary packaging component plus the $2,550 Meal Entertainment Card.)	9,685	9,924
Leave Loading (Payable on the last pay before Christmas (first year will be a pro rata payment)	1,607	1,607
Total Salary Package	**142,195**	**151,121**