



Principal Software Developer

Job Ad Reference:	MS09692643		
Status:	Temporary full-time (up to 12 months with the possibility of extension)		
Unit/Department:	Queensland Cancer Control Analysis Team (QCCAT), Cancer Alliance Queensland		
Location:	Burke St Centre, Woolloongabba, Metro South Hospital and Health Service		
Contact:	Michael Blake (07) 3176 4400	Salary range:	\$5,531.60 to \$5,936.50 per fortnight
Classification:	AO7	Closing date:	Wednesday, 30 September 2026
Online applications:	https://apply-springboard.health.qld.gov.au/jobs/QLD-MS09692643		

****Applications from third parties will not be accepted****

Purpose of the role

The purpose of the role is to provide an expert level of programming skill, technical expertise, and advice to achieve specified business objectives, in areas of complex software applications, utilities, relational databases, reporting tools and other development technologies to QCCAT clients within Queensland Health.

Your key responsibilities

Fulfil the accountabilities and responsibilities of this role in accordance with Metro South's purpose and objectives, as outlined below:

- Lead, advise and provide complex software engineering solutions. Participate in code review, peer programming, follow and help drive adoption of team-wide engineering standards. Undertake a lead role in development – enhancements, bug fixes and support, working from the application's task backlog through to delivery, per the team's sprint-cycle model.
- Lead the design and implementation of complex software solutions that support interoperability across multiple healthcare platforms, ensuring reliable system integration, data integrity, and seamless information exchange between internal and external systems.
- Provide advanced technical expertise for the analysis, design, planning and delivery of applications, database, and reporting projects to ensure continued efficient operation of all QCCAT applications.
- Consult and liaise extensively with QCCAT team members to clarify business requirements and make recommendations on how to develop system enhancements to meet client needs.
- Organise, develop, and maintain all required documentation, including design documents, technical and system specifications, and test plans.
- Support the team environment by proactively sharing knowledge with colleagues of the design, development, implementation, and ongoing support of information systems for QCCAT and its client groups.
- Monitor recent industry developments and trends, including liaising with external professional bodies and tertiary institutions, to enable the implementation of best practice information technology systems for QCCAT and its clients.
- Initiate, influence, and maintain relationships with and between key internal and external stakeholders including suppliers and vendors, facilitating effective communication channels to promote the successful delivery of digital database solutions including feedback mechanisms and management of expectations.
- Contribute to the maintenance of secure and resilient application and database environments by monitoring security logs, audit findings, and vulnerability assessments, and coordinating remediation activities to safeguard system integrity and data security in accordance with Queensland Health ICT policies and standards.

- Ensure all management functions are effectively performed including the application of equal opportunity principles, occupational health and safety requirements and professional development of staff.
- Ensure patients and other staff are treated fairly and with mutual respect and understanding, regardless of cultural, religious, ethnic and linguistic backgrounds, gender, identity, ages or abilities.
- Follow defined service quality standards, occupational health and safety policies and procedures relating to the work being undertaken to ensure high quality, safe services and workplaces.

Mandatory qualifications, professional registration and other requirements

- While not mandatory, a degree or post graduate qualification in information technology would be well regarded.

Are you the right person for the job?

How we do things is as important as what we do, therefore within the context of the responsibilities described under 'Your key responsibilities,' the ideal applicant will be someone who can demonstrate the following:

- Well-developed interpersonal, communication (verbal and written) and presentation skills, including the ability to contribute effectively as a team member delivery quality service, and the ability to negotiate and liaise with clients, management, and staff at all levels.
- Ability to build relationships with project team and business stakeholders by actively listening, asking for help, encouraging involvement, sharing thoughts, and feelings, and providing support.
- Demonstrates high-level expertise in software development with the Microsoft .Net Framework (C#), MSSQL, Typescript, React and source control (Git).
- Demonstrates extensive knowledge and practical application of contemporary Information Technology (IT) practices and emerging trends in the development and implementation of information technology solutions.
- Demonstrates advanced analytical, conceptual, and innovative problem-solving skills.
- Demonstrates knowledge of Software Development Lifecycle (SDLC) concepts, standards and procedures required for the development and support of information systems.
- Demonstrates knowledge of, or the ability to quickly gain knowledge of Queensland Health operational environment including information and communication technology policies and practices.

How to apply

Please provide the following information to the panel to assess your suitability:

- A short written response (maximum 1-2 pages, dot points acceptable) on how your experience, abilities, knowledge and personal qualities would enable you to achieve the key responsibilities and meet the skill requirements of the role.
- Your current CV or resume, including two referees. You must seek approval prior to nominating a person as a referee.
- Late applications cannot be submitted online. For a late application to be considered, please arrange approval and submission via the contact person.
- Applications will remain current for 12 months or for the duration of the vacancy. Future vacancies of a temporary, full time and part time nature may also be filled through this recruitment process.
- Only those persons eligible to work in Australia may be employed by Queensland Health. Prospective employees are required to provide proof of identity and documentary evidence of their [right to work in Australia](#).

About the Cancer Alliance Queensland

Cancer Alliance Queensland brings together The Partnership, QCCAT and the Queensland Cancer Register (QCR) to support and promote clinician led improvement of cancer services in Queensland.

QCCAT is responsible for the management and maintenance of the QCR in accordance with the Public Health Act (PHA) 2005. The QCR captures cancer notifications to determine the incidence, mortality and survival of people

with cancer in Queensland. QCCAT fulfil legal obligations such as the review and approval of applications for the release of the data under the PHA, supporting the QCR information system and supporting the analysis and reporting of the QCR data for Queensland.

QCCAT supports the Queensland Cancer Control Safety and Quality Partnership (The Partnership), a gazetted quality assurance committee under Part 6, Division 1 of the Hospital and Health Boards Act 2011. The Partnership's aim is clinician led service improvement. The Partnership through QCCAT provides the cancer community with processes, systems and tools to routinely review, share and compare data on cancer treatment and outcomes. Actively involving cancer clinicians in deciding how to achieve the best possible cancer outcomes is The Partnership's priority.

Key to QCCAT's program of work is the ability to match and link population based cancer information on an individual patient basis. This matched and linked data is housed in the Queensland Oncology Repository (QOR), a resource managed by QCCAT. This centralised repository compiles and collates data from a range of source systems including the QCR, hospital admissions data, death data, treatment systems, public and private pathology, hospital clinical data systems and QOOL.

QOOL is a web-based system which supports cancer multidisciplinary teams by assisting meeting preparation, communication and documentation of essential clinical information such as diagnosis, cancer stage and recommended treatment plans. QOOL provides a centralised platform of patient data for multiple users, accessible anywhere, anytime.

QCCAT collaborates with experts from a diverse network of public and private hospitals, institutions, universities, non-government agencies, commonwealth departments, interstate health departments, professional organisations and patient groups to ensure clinical, educational and policy relevance.

QCCAT support clinicians and health service managers in order to:

- Identify and understand the causes of important variances in clinical outcomes.
- Utilise recognised improvement methodologies to reduce these variances through the implementation of evidence-based best practice.
- Explore alternative models of cancer care service delivery.
- Measure progress towards specific targets in these activities.
- Develop systems to ensure that such progress is sustainable.
- Build upon, integrate and expand the activities of the many individuals and groups that are already working towards improving the quality and efficiency of cancer services in Queensland.

Additional information about QCCAT and CAQ is available via <https://cancerallianceqld.health.qld.gov.au/>

The Cancer Amendments Implementation Project is responsible for implementing the changes necessary to comply with recent amendments to the Public Health Act 2005 (Qld), to modernise the Queensland Cancer Register in line with contemporary and emerging clinical practices in cancer care.

We are Metro South Health

We are the major public healthcare provider for Brisbane's south side, Logan, Redlands and the Scenic Rim. We live and work on the lands of the Jaggera, Mununjali, Quandamooka, Turrbal, Ugarapul and Yugambeh peoples. We operate five major hospitals and a range of community, specialty and state-wide healthcare services. We are renowned for teaching and research excellence.

We are truly dedicated people who care about our community. We come to work to make a difference. We save lives, changes lives and make the world a better place. We overcome the many challenges that come our way by going above and beyond and achieve the best possible outcomes by working together. We are bold, innovative, collaborative, inspiring.

We are part of and proud of the community we serve. We are *better together*.

Our values

Our values of Integrity, Compassion, Accountability, Respect, Engagement and Excellence, shape our culture. Our values guide our day-to-day decision making and are fundamental to what we care about as a health service, how we behave, how we interact with each other and provide care to the many patients who come through our doors every day.



Integrity

We are authentic, truthful and transparent, and we strive for equity for all.



Compassion

We care for one another and ourselves with empathy, kindness and support.



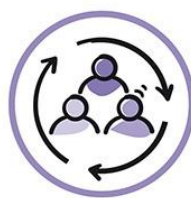
Accountability

We are accountable for our decisions, actions and behaviour.



Respect

We foster an environment of safety, civility and inclusion.



Engagement

We are one team working together to achieve our best outcomes.



Excellence

We empower each other and inspire innovation to deliver excellence.

Child Safe Organisation

Metro South Health is committed to ensuring the safety and wellbeing of all children and young people at our services and is dedicated to protecting them from harm. Please find the link to the MSH Child Safe Organisation Statement of Commitment

https://www.metrosouth.health.qld.gov.au/_data/assets/pdf_file/0033/457629/statement-of-commitment-child-safe-organisation.pdf

Diversity and inclusion

The Metro South region is home to many of our Aboriginal and Torres Strait Islander peoples. We are also the most culturally diverse region in Queensland with almost one-third of the community born overseas.

At Metro South Health, we believe diversity is our strength and our people are proud to reflect the community they serve.

We are committed to creating a diverse and inclusive health service to ensure we can deliver high quality, safe and inclusive care.

We encourage people of all genders, ethnicities, ages, abilities, languages, sexual orientation and family responsibilities to apply.

Flexible working arrangements

Metro South Health supports and encourages work-life balance for the mutual benefit of Metro South Health and its employees. Work-life balance is about a person's ability to manage their paid work commitments with their career goals, personal, community and cultural responsibilities. Through flexible working arrangements such as leave, flex time accrual or a reduction in working hours, there is an opportunity to match the individual's requirements with those of the workplace – delivering quality health services.

Additional information

For further information about this opportunity and the benefits and conditions of working at Metro South Health please refer to the **Information for Applicants** document attached with this advertised vacancy.

Team structure

