

POSITION DESCRIPTION

POSITION TITLE:	Applications Developer
CLASSIFICATION:	A05
DIVISION:	Support Division
DEPARTMENT:	Research Support and Governance
LOCATION:	Herston

POSITION OBJECTIVES

This position will develop, maintain, document and support applications for cutting edge projects within a world class medical research facility.

ORGANISATION CONTEXT

QIMR Berghofer is a statutory body under the QIMR Act (1945). The mission of QIMR Berghofer is to promote the wellbeing of humankind through medical research, to maintain within the State of Queensland an internationally recognised Centre for Medical Research, to develop that Centre as the primary focus of Medical Research within the State and to co-operate with, and where possible assist the work of other medical research establishments within the State and throughout the world.

The Support Division is divided into groups that provide support for the conduct of internationally competitive research programs and projects. The Support Division consists of five departments: Finance and Administration, Research Support and Governance, Human Resources, External Relations, and Scientific Services.

The Information Technology Services (ITS) team forms part of Research Support and Governance. ITS provides IT infrastructure, systems and communication services; software development services; and information analytics and records management services.

REPORTING STRUCTURE

This position reports directly to the Development Manager

PRIMARY RESPONSIBILITIES

- Work autonomously to develop advanced IT solutions consistent with ITIL best practice guidelines using .NET framework
- Carry out systems/business analysis to acquire the information required to design appropriate data driven web applications for the needs of individual laboratory projects
- Design and develop systems in a consistent manner to ensure future expansion or modification is easily achieved

- Develop comprehensive systems and user documentation for the above systems within an ITIL framework
 - Ensure the integrity of data entered into the developed databases by the inclusion of design elements to provide consistency checking, verification and duplication avoidance
 - Develop the code and infrastructure required to provide secure systems using methodologies consistent with QIMR Berghofer's existing security models.
 - Provide sophisticated and modern user interfaces for web applications using your skills in HTML, CSS and Javascript.
 - Ensure work practices comply with the requirements of the *Workplace Health and Safety Act 2011*, related legislative requirements and the Institute's OH&S policies and procedures.
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KEY SELECTION CRITERIA (Qualifications, Experience, Skills and Abilities)

Essential

- A degree with a major in computing from a recognised tertiary institution
- Demonstrated programming ability and extensive experience in MS SQL Server
- Proven programming ability in C# and the .NET framework
- Substantial knowledge and experience implementing web solutions with ASP.NET MVC
- Experience with HTML, CSS, Javascript, JQuery
- Substantial knowledge and experience in the implementation of secure web interfaces to databases
- Significant, demonstrable documentation skills to provide both systems and user documentation necessary for database projects within an ITIL framework
- Strong and effective verbal and written communication and interpersonal skills
- Substantial skills to effectively liaise with a broad range of professionals, as well as all levels of staff
- Strong time management, task prioritisation, analytical and project management skills

Desirable

Experience in any of the following areas is desirable:

- Working in a science or research environment
 - Building web interfaces with the Bootstrap framework
 - Working with front end Javascript frameworks such as AngularJS and Knockout
 - Automated deployment using Octopus Deploy
 - Team Foundation Server for source control and as a build server
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