



Candidate Information

Position:	Systems Analyst/Programmer
School/Department:	Centre for Public Health
Reference:	21/108611
Closing Date:	Monday 15 February 2021
Salary:	£33,797 to £35,845 per annum.
Anticipated Interview Date:	Tuesday 2 March 2021
Duration:	Available until 31st October 2021 with possibility of extension

JOB PURPOSE:

Development of the N. Ireland cancer registry IT system - the postholder is expected to build on a substantial piece of work already completed and will be provided with the necessary IT related handover and training about cancer registration systems.

MAJOR DUTIES:

1. Build on work already completed to develop and implement suitable Information System applications and solutions to support the objectives of the NICR for cancer registration.
2. Work as part of the IT team and with registration staff to identify user interface requirements for aforementioned systems to facilitate the registering of cancer data on patients resident in N Ireland.
3. Develop and implement a range of test plans for software developments to include both unit and full system testing activities.
4. Assist with application and database system support for the NICR.
5. Ensure that the developed system provides high quality data and production of extracts and reports to support NICR staff and research activities in NICR.
6. Adhere to Information Security protocols and procedures at all times as required by the NICR Information Security Manager for the purposes of maintaining NICR's ISO 27001:2013 accreditation, to include internal audits.
7. Assure that any systems developed meet and/or exceed baseline security criteria to ensure the confidentiality, integrity and availability of sensitive information at all times.
8. Provide assistance with specification and procurement of IT systems and peripherals, keeping up-to-date with latest technology.
9. Work within cross-functional teams to support NICR research activities through the development of appropriate IT solutions as required.
10. Develop and maintain information and documentation including both specification/programming documents for the NICR IT department and user documentation for non-IT staff.
11. Adopt a proactive approach to the identification and resolution of potential problem areas and opportunities for improvements/enhancements to meet the needs of colleagues and end users.
12. Deliver training to NICR staff on the use of the developed IT applications and utility software as required.
13. Carry out any other duties which are appropriate to the post as may be reasonably requested by NICR senior management.

Planning and Organising:

1. Plan own work on a daily basis with an awareness of longer term issues, ensuring plans complement the goals and objectives of the NICR.
2. Contribute to projects as part of cross-functional project teams as required.
3. Organise that knowledge/skills transfer and development updates are provided, particularly to NICR IT staff.

Resource Management Responsibilities:

1. Assist in the planning of resources within the NICR IT environment to ensure that they are effectively managed and monitored.
2. Advise on the cost/benefit of new and existing technologies.
3. Assume delegated responsibilities as appropriate.

Internal and External Relationships:

1. Attend internal and external meetings to ensure that relevant issues are appropriately represented and reported.
2. Liaise with key contacts within the NICR teams (IT and registration) to ensure appropriate development and implementation, integration, collaboration and understanding.
3. Interact with NICR systems users and researchers within the NICR, to develop new and improved data processing methods and provide IT support for research projects.
4. Liaise with external suppliers, consultants and other third parties as required.

ESSENTIAL CRITERIA:

1. * A third level qualification, HND or above, in Computer Science or related subject. Or; * Significant recent, relevant experience working in a computing environment in a post with substantial programming.
2. * Previous 3 years recent experience working in a relevant computing environment in a post with substantial programming.
3. * Demonstrable experience of application development using some of the following: VB.NET/C#/ASP.NET, MVC, JQuery/Javascript, Bootstrap.
4. * Experience with developing database applications working in a Client/Server environment.
5. Demonstrable understanding of application security techniques.
6. Good working knowledge of Microsoft operating systems and applications.
7. Effective interpersonal skills in dealing with both technical and non-technical personnel.
8. Well-developed analytical and problem solving capability.
9. Ability to plan and manage own activities and projects.
10. Must be willing to work outside normal office hours on occasional basis.

DESIRABLE CRITERIA:

1. Degree in Computer Science or equivalent relevant subject area.
2. * Development of web based user interface applications in a business environment.
3. * Demonstrable experience in database technologies using one of the following - SQL Server/MySQL/Oracle.
4. * Experience in PowerBI development for dynamic reporting and dashboards.
5. Experience in a recognised project management framework.