Deputy Director Integrated Systems (G024/2017)
GOVERNMENT TECHNICAL ADVISORY CENTRE (GTAC)
Three (3) Year Fixed-Term Contract
R770,295.00 – R917,970.00 per annum (All-inclusive Package)
PRETORIA

Purpose:
The purpose of this position is to design, program, test, and document software to meet specified user requirements. The purpose is to also provide support and maintenance to ensure the continuous efficient functioning of the software.

Key Outputs:
It will be expected from the successful candidate to:

Systems Analysis and Design
- Liaise with business analysts, end-users and/or vendors to obtain requirements for new systems or system enhancements.
- Receive business requirements and conduct technical impact analysis in order to understand the impact of the required process change and decide on the scope of the project and how it will be delivered.
- Translate the business requirements into technical designs taking into account the target environment, existing systems and potential risk and security-related aspects.
- Investigate and model business functions, processes, information flows and data structures, using methodical and consistent techniques.
- Design large and/or complex solutions from supplied specifications, using agreed standards and tools, to achieve a well-engineered result.
- Document new and existing applications according to industry standards (technical and functional specification).
- Work closely with other staff, such as project managers, graphic artists, designers, developers and systems analysts where necessary.

Programming / Software Development
- Configure web applications based on business requirements.
- Write programs for SharePoint based systems depending on the technical design.
- Automate relevant system processes using Nintex Workflows.
- Prepare releases and release notes for software being released into the pre-production and production environments.
- Deploy standard functionality on collaboration technology based on User Requirement Specifications.
- Integrate systems using the appropriate tools.
- Improve existing systems as well as innovate new system solutions.

End user support
- Provide an interface between end-users and service providers, including documenting problems, progress checking, and ensuring all diagnostic information is provided for error resolution and incident analysis.
- Make initial diagnosis of any problems and advise known solutions where applicable.
- Create supporting documentation in order to ensure that there is an accessible reference detailing how the application was developed and tested, thereby making it easy to support the solution in future and train end users.
- Provide training to end-users on how to use the developed application.
- Maintain on-going collaborate relationships with business through structured processes and ad hoc customer contact in order to ensure proper understanding of customer needs and delivery of appropriate solutions.
Quality Assurance
- Conduct unit testing of the code written by to ensure that it fulfills the requirements as set out in the business functional requirements specification
- Receive business requirements and conduct technical impact analysis in order to understand the impact of the required process change and decide on the scope of the project and how it will be delivered
- Review and refactor program code to improve system performance.
- Assist business analysts, end-users or vendors with preparing the quality assurance environment for testing.
- Conduct disaster recovery testing from time to time.

Problem Management
- Support the business during user acceptance testing by resolving any queries and defects in order to ensure delivery of a system that meets business requirements
- Obtain diagnostic data to assist in the investigation and resolution of problems on systems.
- Match unresolved incidents against existing problems, known errors and other incidents.
- Ensure that incidents and problems in systems and services are fully recorded and documented.
- Keep the relevant stakeholders informed of the status of systems and services.
- Review, to the extent possible, changes in code and the environment that will affect system performance.

Requirements:
Completed Degree or Diploma in Information Technology or related field; Software development language certification; C#, .Net, and SharePoint Microsoft Certified Software Developer; 5-10 years relevant experience; Microsoft SQL Databases (Stored procedures, reporting services); OO analysis and design (UML Modelling) Formal System Development Life Cycle methodology; Business Intelligence Tools e.g. MS SQL Reporting Services

The Government Technical Advisory Centre (GTAC) is an equal opportunity employer and encourages applications from women and people with disabilities. Only South African Citizens need apply. Applications should be accompanied by a duly completed Application for Employment (Z83), comprehensive CV and originally certified copies of qualifications and ID. Please forward your application, quoting the relevant reference number and the name of the publication in which you saw this advertisement, GTAC, e-mail address: recruit@gtac.gov.za. Applications e-mailed should not exceed size limit of 4MB. Numerous e-mails can be sent with attachments. Closing date is Monday, 29 September 2017 at 12h00, no late applications will be accepted.

Qualifications and SA citizenship checks will be conducted on all short-listed candidates and, where applicable, additional checks will be conducted. It is the applicant’s responsibility to have foreign qualifications evaluated by the South African Qualifications Authority (SAQA).

If you have not received feedback from the GTAC within one (1) month of the closing date, please regard your application as unsuccessful.