



VACANCY

REFERENCE NR	:	VAC00334
JOB TITLE	:	Senior Software Developer (GIS)
JOB LEVEL	:	D2
SALARY	:	R 620 597 - R 930 895
REPORT TO	:	Technical Manager
DIVISION	:	Application Maintenance
DEPARTMENT	:	ADM: AM Integration API Mgt & Data Analytics
LOCATION	:	SITA Centurion
POSITION STATUS	:	36 - Months – Fixed Term Contract (Internal & External)

Purpose of the job

To lead the design, implementation, debugging, documentation, release and maintenance of software-based solutions, write code and enhance software/systems in accordance with ICT standards and the enterprise architecture for Government.

Key Responsibility Area

Lead the design and development of new features for the software systems, and improvement of the existing ones. Implementation, debugging, documentation and release of the software solutions. Provide maintenance and enhancement support of the existing systems. Provide maintenance and enhancement support of the existing systems. Supervision of the Software development team.

Qualifications and Experience

Minimum: 3-year National Diploma / Bachelor's degree in ICT (Computer Science, Information Systems, Technology and Engineering) or related field.

Experience: 6 - 7 years' experience in the ICT field, including IT Governance, IT Planning, systems development/procurement, implementation and maintenance/enhancements of integrated solutions across multiple hardware and software platforms with leadership, management, operational responsibility in a large corporate/public sector organisation. Experience should include the following: System Development Lifecycle, Application Lifecycle Management experience including exposure to Agile methodology, API, Systems integration, 6 –7 years' experience in ArcGIS Maps SDK for JavaScript, Portal for ArcGIS, ArcGIS Desktop / ArcGIS Pro, Python, HTML and JavaScript. ArcGIS Enterprise (Server), Enterprise geodatabases, FME (Feature manipulation engine), Java & MapXtreme (Migration to ArcGIS), Oracle Database, Oracle SQL and PL/SQL as an added advantage.

Technical Competencies Description

Solid understanding of computer science concepts including algorithms, data structures, operating systems and databases. ICT Governance and Compliance Governance e.g. COBIT and ITIL. Ability to design test plans according to the software requirements specification. Extensive knowledge of the software development processes and the GIS technologies. Extensive knowledge of design techniques, tools, and principles involved in the production of software requirements specifications. Working knowledge of SDLC, Agile Methodologies (Feature-Driven Development, Test-Driven Development, Scrum, Extreme Programming). Extensive background in coding. Extensive knowledge of software testing techniques and tools.

IT Quality Management e.g. ISO9001 and CMMI IT Security ICT Standards COTS (Commercial of the Shelf) Products OSS (Open Source Software). Products IT strategies and architectures. Strong knowledge of data integration tools. Execution of architecture methods and practices e.g. TOGAF and GWEA

Technical Competencies: Application Development, Application Maintenance and Support. Extensive knowledge of Oracle tools (applications and databases), Web Development, APIs, ArcGIS technologies and Data Management

Other Special Requirements

N/A

How to apply

To apply please log onto the e-Government Portal: **www.eservices.gov.za** and follow the following process;

1. Register using your ID and personal information;
2. Use received one-time pin to complete the registration;
3. Log in using your username and password;
4. Click on "Employment & Labour";
5. Click on "Recruitment Citizen" to create profile, update profile, browse and apply for jobs;

Or, if candidate has registered on eservices portal, access www.eservices.gov.za, then follow the below steps:

1. Click on "Employment & Labour";
2. Click on "Recruitment Citizen"
3. Login using your username and password
4. Click on "Recruitment Citizen" to create profile, update profile, browse and apply for jobs

For queries/support contact egovsupport@sita.co.za **OR call 080 1414 882**

CV`s sent to the above email addresses will not be considered

Closing Date: 07 February 2024

Disclaimer

SITA is an Employment Equity employer and this position will be filled based on the Employment Equity Plan. Correspondence will be limited to shortlisted candidates only. Preference will be given to members of designated groups.

- If you do not hear from us within two months of the closing date, please regard your application as unsuccessful.
- Applications received after the closing date will not be considered. Please clearly indicate the reference number of the position you are applying for.
- It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualifications Authority (SAQA).
- Only candidates who meet the requirements should apply.
- SITA reserves the right not to make an appointment.
- The appointment is subject to getting a positive security clearance, the signing of a balance scorecard contract, verification of the applicants' documents (Qualifications), and reference checking.
- Correspondence will be entered to with shortlisted candidates only.
- CV`s from Recruitment Agencies will not be considered.