VACANCY		

REFERENCE NR	:	**VAC00407**
JOB TITLE	:	**Senior Software Developer**
JOB LEVEL	:	**D2**
SALARY	:	**R 620 597 - R 930 895**
REPORT TO	:	**Technical Manager**
DIVISION	:	**Application Maintenance**
DEPARTMENT	:	**ADM: Digital Services**
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 Higher Diploma/ Bachelor's degree in ICT (Computer Science, Information Systems, Technology and Engineering) or related field.

Experience: 6 - 7 years' experience with full software development lifecycle (SLDC), including solution development, operational responsibility in a large corporate/public sector organisation. The experience must include Experience in solution analysis, and development for the development, implementation and maintenance/enhancements of systems within the corporate/public sector, including: Successfully developed and implemented applications Software development team leadership competency Software development deliverable effort planning, estimations and execution management Developed efficient and effective IT solutions to diverse and complex business problems. Extensive experience with a wide variety of database management systems and maintenance. Extensive experience with a wide variety of programming languages and technologies. Extensive experience with working on multiple tasks and report status. Experience in interacting with customers.

Technical Competencies Description

Solid understanding of computer science including algorithms, data structures, operating systems and databases. ICT Governance and Compliance Governance e.g. Cobit and ITIL Strong knowledge to design test plans according to the software requirements specification. Broad and extensive knowledge of the software development process and its technologies. Extensive knowledge of design techniques, tools, and principles involved in the production of software requirements specifications, models and designs. Strong knowledge of user interfaces. Strong knowledge

of solution Integration strategies and tools Working knowledge of Cloud Computing Strong knowledge source control and version control tools like Git and SVN Working knowledge of virtualisation and containerisation (Docker, Kubernetes) Working knowledge of DevOps (Continuous Integration, Continuous Delivery, Continuous Testing, Continuous Monitoring Infrastructure as Code, Config Management) Working knowledge of Agile Methodologies (Feature-Driven Development, Test-Driven Development, Scrum, Extreme Programming) Extensive background in coding Extensive knowledge of software testing techniques and tools Extensive knowledge of software team leadership 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

- o **Technical Competencies:** Mobile Application Development, Application Maintenance and Support, Database Administration. Xamarin Forms mobile development, preferably with Prism.
- o Proficient in C#
- o Experience with REST APIs
- o Knowledgeable with JSON and XAML formats
- o Experience with Google Play Store, App Store Connect and Apple Developer platform for application deployment
- o Knowledgeable with App Centre
- o Knowledgeable with Visual Studio .Net
- o Strong in concepts of Object-Oriented Programming, Design Patterns & SOLID principle
- o Experience with database creation and maintenance;
- o Experience with a wide variety of programming languages and technologies;
- o Experience with working on multiple tasks and report status; and
- o Experience interacting with customers.

Technical experience: MVS Operating system, C#, Xamarin Forms, Prism, Firebase, Akavache, App Centre [Crashlytics], MS Sql, Javascript, NHibernate.

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 egovupport@sita.co.za OR call 080 1414 882

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

Closing Date: 30 May 2023

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.