SITA

VACANCY ADVERTISEMENT

Vacancy Information Download	
Reference Number:	SITA/20250219/2169
BPS Vacancy Number:	VAC01047 (Re-advertisement)
Job Title:	Advanced: Software Developer
Job Level:	D3
Vacancy Type:	Internal & External
Salary Range:	R760490.00 - R1140736.00
Organisation Name:	State Information Technology Agency
Division:	ADM: Exec Apps Development & Maintain
Department:	ADM: Digital Services
Employment Type:	Contract
Contract Duration:	24-Months Fixed Term Contract
Location:	Centurion
Number Of Openings:	1

Purpose of Job:

The role will be responsible to execute complex application development, maintenance projects and services and provide innovative solutions and products that resolve challenges of government service delivery. The Advance Software Developer will be responsible for guiding and executing the design, development, and execution of complex services and projects of ICT solutions.

Responsibilities:

Lead the development of functional requirements that articulate clear and concise project deliverables that are compatible with user expectations.
Deliver feasibility and cost-benefit analysis, including choice of application architecture to enhance the overall application development process.
Lead, and execute complex software development and customisation projects spanning multiple environments to ensure that it is successfully delivered.
Lead, and develop/ customise complex applications services solutions by studying information needs; consulting with clients, studying systems flow, data usage and work processes; investigating problem areas; following the software development lifecycle using SITAs software development stack/ development framework.
Lead and execute maintenance of integrated IT software components using SITAs software development stack/ development framework.

Qualifications and Experience:

Minimum 3 to 4 year National Diploma or Degree in Software Engineering Computer Science Information Technology or relevant qualification equivalent to NQF Level 6 A post graduate qualification OR Bachelors Degree in Software Engineering Computer Science Information Technology or relevant equivalent NQF Level 7 OR 8 Will be an added advantage.
Certification Vendor certification for applications will be an added advantage.

Experience A minimum of 7 years' experience 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 senior operational responsibility in a large corporate/public sector organisation including:

Extensive experience in software development in multiple platforms.
Extensive experience in creating .NET Core API / RESTful API
Extensive experience working with JSON, ANGULAR frameworks
Extensive experience working with DevOps Repos/Git source control tools
Extensive experience in SQL query development
Extensive experience within Applications Technical solution design in multiple business domains.
Extensive Experience in integration.
Extensive experience in data management.

The following experience will be an added advantage:
Experience in applications modernisation
CICD process using DevOps Pipelines
Experience in Azure and/or AWS
Experience in CRM Dynamics

Technical experience: Visual Studio 2019; C#; MVC; ASP.NET; .NET Core, API / RESTful API, JSON, Web Services, Blazor, Angular, SQL Queries; WCF; SQL Reporting Services; Smart Client Entity Framework, DevOps and Agile Methodologies.

Knowledge:

ICT Governance and Compliance. Extensive knowledge to design test plans according to the software requirements specification. Extensive knowledge of the software development process and its technologies. Programming Languages. Development, Implementation and Integration Methodologies, including Testing, Packaging and Release. IT Quality Management. Business Process Management. General Management, including Business, Human Resource. Management and General Financial Management. ICT Procurement practices. IT Security and ICT Standards. COTS (Commercial of the Shelf) Products. OSS (Open Source Software) Products. Application Maintenance and Support. Enterprise architecture framework (TOGAF, Zachman, FEAF, MODAF, GWEA Framework, MIOS). Extensive knowledge of user interfaces designs. Extensive knowledge of solution Integration strategies and tools Comprehensive knowledge of Cloud Computing Extensive knowledge of source control and version control tools like Git and SVN Comprehensive knowledge of virtualisation and cotainerisation Comprehensive knowledge of DevOps (Continuous Integration, Continuous Delivery, Continuous Testing, Continuous Monitoring Infrastructure as Code, Config Management) Comprehensive knowledge of Agile Methodologies (Feature-Driven Development, Test-Driven Development, Scrum, Extreme Programming) Extensive knowledge of coding Extensive knowledge of software testing techniques and tools Extensive knowledge of software team leadership.

Technical Competencies

ICT Governance and Compliance. Extensive knowledge to design test plans according to the software requirements specification. Extensive knowledge of the software development process and its technologies. Programming Languages. Development, Implementation and Integration Methodologies, including Testing, Packaging and Release. IT Quality Management. Business Process Management. General Management, including Business, Human Resource. Management and General Financial Management. ICT Procurement practices. IT Security and ICT Standards. COTS (Commercial of the Shelf) Products. OSS (Open Source Software) Products. Application Maintenance and Support. Enterprise architecture framework (TOGAF, Zachman, FEAF, MODAF, GWEA Framework, MIOS). Extensive knowledge of user interfaces designs. Extensive knowledge of solution Integration strategies and tools Comprehensive knowledge of Cloud Computing Extensive knowledge of source control and version control tools like Git and SVN Comprehensive knowledge of virtualisation and cotainerisation Comprehensive knowledge of DevOps (Continuous Integration, Continuous Delivery, Continuous Testing, Continuous Monitoring Infrastructure as Code, Config Management) Comprehensive knowledge of Agile Methodologies (Feature-Driven Development, Test-Driven Development, Scrum, Extreme Programming) Extensive knowledge of coding Extensive knowledge of software testing techniques and tools Extensive knowledge of software team leadership.

Interpersonal and Behavioural Competencies

Active listening

The ability to fully concentrate on what is being said rather than just passively 'hearing' the message of the speaker.

Attention to Detail

The ability to ensures information is complete and accurate.

Analytical thinking

Identifies issues; obtains relevant information, relates and compares data from different sources, and identifies alternative solutions.

Continuous Learning

The ability to constantly expand one's skill set.

Disciplined

Showing a controlled form of behaviour or way of working, diligently.

Empathy

The ability to understand and share the feelings of another.

Inclusivity

The practice or policy of including people who might otherwise be excluded or marginalized, such as those who have physical or mental disabilities and members of minority groups.

Resilience

The ability to effectively handle disappointment, rejection and set-backs while still working well and meeting deadlines.

Stress Management

The ability to keep functioning effectively when under pressure and maintain self control in the adversity.

Additional Requirements
N/A

How to apply
To apply please log onto the e-Government Portal: http://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 http://www.eservices.gov.za/, then follow the below steps: 1. Click on "Employment & Labour"; 2. Click on "Recruitment Citizen"; 3. Log in using your username and password; 4. Click on "Recruitment Citizen" to create profile, update profile, browse and apply for jobs; For support, please send an email to: egovsupport@sita.co.za or Call: 0801414882

Closing Date : 02 May 2025

Disclaimer

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

1 If you do not hear from us within two months of the closing date, please regard your application as unsuccessful

2 Applications received after the closing date will not be considered Please clearly indicate the reference number of the position you are applying for

3 It is the applicant s responsibility to have foreign qualifications evaluated by the South African Qualifications Authority SAQA

4 Only candidates who meet the requirements should apply

5 SITA reserves a right not to make an appointment

6 Appointment is subject to getting a positive security clearance, the signing of a balance score card contract, verification of the applicant s documents Qualifications , and reference checking

7 Correspondence will be entered to with shortlisted candidates only

8 CV s from Recruitment Agencies will not be considered

9 CV s sent to incorrect email address will not be considered

******NB: EMAILED CV'S WILL NOT BE ACCEPTED******