SITA

VACANCY ADVERTISEMENT

Vacancy Information Download	
Reference Number:	SITA/20250318/2214
BPS Vacancy Number:	VAC00637 (Re-advertisement)
Job Title:	Senior Systems Engineer (DOD)
Job Level:	D2
Vacancy Type:	Internal & External
Salary Range:	R651627.00 - R977440.00
Organisation Name:	State Information Technology Agency
Division:	NRCS: National and Regional Consulting Services
Department:	Technical Consulting Services
Employment Type:	Contract
Contract Duration:	36 -Months Fixed Term Contract
Location:	Erasmuskloof
Number Of Openings:	1

Purpose of Job:

To lead the requirements definition, specification, design, implementation and support of ICT-based solutions in accordance with ICT standards and the enterprise architecture for Government.

Responsibilities:

. Lead the requirements definition, specification and design of ICT-based solutions in accordance with ICT standards.
. Implementation and support of ICT-based solutions in accordance with ICT standards.
. Provide maintenance and enhancement support of the existing systems.
. Project Management Support.

Qualifications and Experience:

Minimum Bachelor's Degree in Engineering/Computer Science/Information Technology or equivalent
Certification as a Systems Engineer with Incose will be advantageous.
Experience 6 to 7 years experience in Systems Engineering and the integration of products into functioning operational environments, including solution development responsibility in a large corporate/public sector organisation. The applicant must have experience in requirement definition and analysis, the creation of specifications and the management of system integration by means of a total system lifecycle approach. Extensive experience with working on multiple tasks and report status. Experience in interacting with customers. Experience in the Defense industry will be advantageous

Knowledge:

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.

Technical Competencies

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.

Interpersonal and Behavioural Competencies

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 : 31 Mar 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******