SITA

VACANCY ADVERTISEMENT

Vacancy Information Download	
Reference Number:	SITA/20241114/2026
BPS Vacancy Number:	VAC00863, 1460, 1769, 5091 & 5701
Job Title:	Senior Software Developer - Natural Adabas
Job Level:	D2
Vacancy Type:	Internal & External
Salary Range:	R651627.00 - R977440.00
Organisation Name:	State Information Technology Agency
Division:	ADM: Exec Apps Development & Maintain
Department:	AM Mainframe (POLFIN, EDUCATION & PAS)
Employment Type:	Contract
Contract Duration:	60 -Months Fixed Term Contract
Location:	Centurion
Number Of Openings:	5

Purpose of 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.

Responsibilities:

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

Qualifications and Experience:

Minimum: Grade 12 (Matric) or equivalent
Preferred Qualification: 3-year National Higher Diploma/ Bachelor's degree in ICT (Computer Science, Information Systems, Technology and Engineering) or related field or Natural/Adabas training certificate
Experience: 6 - 7 years' experience with full software development lifecycle (SLDC), of which a minimum of 5 years must be actively using Natural Adabas in a development and/or maintenance role within a large corporate/public sector organisation. The experience must include solution analysis, design, development, implementation and maintenance of systems as well as the management and planning of deliverables and communication to clients.

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 Strong knowledge source control and version control tools like PAC 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 P

Technical Competencies

Application Development

The specification and design of software to meet defined requirements by following agreed design standards and principles. The definition of software, components, interfaces and related characteristics. The identification of concepts and patterns and the translation into a design which provides a basis for software construction and verification. The evaluation of alternative solutions and trade-offs. The facilitation of design decisions within the constraints of systems designs, design standards, quality, feasibility, extensibility and maintainability. The development and iteration of prototypes/simulations to enable informed decision-making. The adoption and adaptation of software design models, tools and techniques based on the context of the work and selecting appropriately from predictive (plan-driven) approaches or adaptive (iterative/agile) approaches.

Database Administration

The installation, configuration, upgrade, administration, monitoring and maintenance of databases. Pro

Interpersonal and Behavioural Competencies

Attention to Detail

The ability to ensures information is complete and accurate.

Continuous Learning

The ability to constantly expand one's skill set.

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 : 25 Nov 2024

Disclaimer

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