SITA

VACANCY ADVERTISEMENT

Vacancy Information Download	
Reference Number:	SITA/20241114/2024
BPS Vacancy Number:	VAC01525 (Re-advertisement)
Job Title:	Advanced: Software Developer - Natural Adabas
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: AM Mainframe Apps - Education
Employment Type:	Contract
Contract Duration:	60 -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:

Required Qualification: 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.
Work Experience: 7 - 8 years' experience with full software development lifecycle (SLDC), of which a minimum of 6 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:

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. Extensive knowledge of source control and version control tools like PAC. Comprehensive knowledge of virtualisation and containerisation. Comprehensive knowledge of DevOps (Continuous Integration, Continuous Delivery, Continuous Testing, ContinuouMonitoring 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

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

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******