REFERENCE NR	:	VAC01156, 57
JOB TITLE	:	Advanced Software Developer X2
JOB LEVEL	:	D3
SALARY	:	R 581,535 - R 969,225
REPORT TO	:	Senior Manager
DIVISION	:	HSO
DEPT	:	Application Development
LOCATION	:	Erasmuskloof, Pretoria
POSITION STATUS	:	Fixed term contract 24 months (Internal & External)

Purpose of the job

To execute Government ICT software development responsibilities, and provide innovation solutions and products to respond to Government service delivery challenges.

Key Responsibility Areas

Lead, manage, develop and implement software development strategies and manage the developers in order to ensure effective and efficient operations and that all the resources are utilised optimally and kept abreast of the latest industry developments to ensure innovation and improved productivity. This must be done in accordance with SITA Policy Framework;

Lead, manage, develop and implement Architectural and Governance mechanisms for the Software Development section to improve interoperability of government systems and quality of services and deliverables;

Lead, manage and execute software development and customisation programmes / projects spanning multiple environments to ensure that it is successfully delivered;

Lead, manage and develop / customise secure and integrated IT software components using SITA's software development stack / development framework;

Lead, manage and execute maintenance of integrated IT software components using SITA's software development stack / development framework;

Ensure execution of and participation in comprehensive software test activities in accordance with SITA Test Methods and Testing Techniques using SITA approved Testing Tools;

Lead, manage and execute packaging and releasing of integrated IT software components in accordance with with ICT standards and the enterprise architecture for Government; and

Lead and manage multiple stakeholder relationships according to stakeholder relationship management plans to enable effective management and improvement of stakeholder relationships; and
At times, be required to assist with evaluation of tenders.

Will be required to assist project managers to estimate the level of skills required and related effort to complete development tasks.

Mentor developer interns and learners.

Engage with clients on complex technical matters when required.

Qualifications and Experience

Minimum: 3 years National Higher Diploma or Bachelor's degree in ICT (Computer Science, Information Systems, Technology and Engineering) or NQF 6 related qualification.

Experience: 7 - 8 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 leadership, management, operational responsibility in a large corporate/public sector organization including:

- o Experience within software development in multiple platforms.
- o Experience within solution architecture in multiple business domains.
- o Experience in data management.
- o Experience in integration.

Technical Competencies Description

Knowledge of: ICT Governance and Compliance; Development Methodologies; 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; Legislative environment and IT Legislation; COTS (Commercial of the Shelf) Products; OSS (Open Source Software) Products; Project Management; Application Maintenance and Support; Hosting and Converged Communication; Enterprise architecture framework (TOGAF, Zachman, FEAF, MODAF, GWEA Framework MIOS). Networking protocols and services (HTTP/TCP/REST). Strong knowledge of computer languages, such as C#, JavaScript and SQL.

Skills and experience: Development (.Net framework, JavaScript, MVC, SQL,MS SQL, CSS, Bootstrap, HTML5, C# and Azure DevOps).

Full stack developer experience:

6 years' experience designing, developing, testing and deploying application using: .Net Framework (C#, MVC, WebServices); HTML 5; CSS, CSS 3, Bootstrap; Javascript and jQuery; Angular; SQL, SSIS, Optimization Techniques, Sound DB Design.

8 years' experience using the above-mentioned technologies to design, develop and optimise: Web Application/Websites; Open API and RESTful Web Services; 2 years' experience developing mobile applications targeting iOS and Android (C#) 5 years' experience designing and optimising relational databases; 1 year experience developing solutions for NoSQL type of databases; 2 years' experience configuring Azure Web and deploying application on the Azure Web App; 1 year experience developing and deploying solutions targeting Azure:

- 2 years' experience developing solutions using .Net Core
- 5 years' experience deploy applications on Windows
- 3 years' experience leading developers
- 5 years' experience developing quality technical design documentation
- 2 years' experience architecting .Net solutions
- Working experience on Agile/Scrum using DevOps
- Continuous integration and automated release management (Pipelines); Experience on biometric authentication; Knowledge of SharePoint or Blob storage

Provider-hosted apps, and optimal deployment processes; Interfacing and Integration (Middleware Technologies); Development methodologies; Quality Management (ISO9001, CMMI); Entity Relationship Diagrams; Governance Processes and Standards (e.g. ISO\IEC12207, COBIT, ITIL);

Modelling (e.g. BPMN, UML and IDEF0); IT Software Testing, Packaging and Release. RDBMS usage including Object Relational Mapping tools and practices.

Other Special Requirements

N/A

How to apply

Kindly send your CV to Lwandiso.recruitment@sita.co.za

Closing Date: 27 March 2020

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.

- 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 a right not to make an appointment.
- Appointment is subject to getting a positive security clearance, the signing of a balance score card 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.