



VACANCy - 1712

Re-advertisement

REFERENCE NR	:	VAC01234
JOB TITLE	:	Data and AI Architect
JOB LEVEL	:	D4
SALARY	:	Negotiable
REPORT TO	:	Senior Manager
DIVISION	:	Application Development and Maintenance
DEPARTMENT	:	ADM:AM Planning & Organising
LOCATION	:	SITA Centurion
POSITION STATUS	:	Permanent (Internal & External)

Purpose of the job

The job is responsible to support SITA clients by designing Modern Data Platform and Analytics solutions. This will include to serve as a functional expert on projects, contributing to use case development, assessments, technical architecture, AI & IoT initiatives and help to ensure stakeholder satisfaction and return on investment.

Key Responsibility Area

- Provide project teams with effective leadership on projects. Guide and monitor the implementation of Data and AI architectures.
- Deliver feasibility and cost-benefit analysis, including choice of application architecture to enhance the overall application development process.
- Lead, design, and develop/customise and integrate complex systems.
- Planning, executing and managing the data architecture of new applications into existing systems throughout the organisation.
- Design and Drive reusable assets, growing Analytics and DevOps capability.
- Develop and implement the technology lifecycle management strategy and tender specifications.

Qualifications and Experience

Minimum: 3-year National Diploma / Degree in Software Engineering/ Computer Science /Information Technology/ Data Science - at least NQF level 6 or a verified / certified alternative equivalent @ NQF Level 6.

Experience: 8 - 9 years practical experience e in the ICT field, including IT Governance, IT Planning, system 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 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 DevOps and Agile Methodologies. Experience in applications modernisation in the development and delivery of Data & AI solutions and business technology solutions to client organizations.

Technical Competencies Description

Knowledge of: 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 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. Data & AI tools such as Azure Storage, Stream Analytics, CosmosDB, SQL DW, Azure Databricks, Azure Machine Learning, Azure DataCatalog, and Azure Data Factory (ADF), Blob, Azure SQL, Polybase,Delta, Engineering Pipeline Design, Synapse Analytics, Azure Purview, Azure Technical Architecture and Data Lake Design. Other desirable experiences include Python, Hadoop, AWS, GCP, Cloudera and deploying machine learning models in production.

Other Special Requirements

N/A

How to apply

To apply please log onto the e-Government Portal: **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 www.eservices.gov.za, then follow the below steps:

1. Click on "Employment & Labour";
2. Click on "Recruitment Citizen"
3. Login using your username and password
4. Click on "Recruitment Citizen" to create profile, update profile, browse and apply for jobs

For queries/support contact egovsupport@sita.co.za OR call **080 1414 882**

CV`s sent to the above email addresses will not be considered

Closing Date: 31 July 2024

Disclaimer

SITA is an Employment Equity employer and this position will be filled based on the Employment Equity Plan. Correspondence will be limited to shortlisted 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 the right not to make an appointment.
- The appointment is subject to getting a positive security clearance, the signing of a balance scorecard 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.