



**VACANCY  
RE-ADVERTISEMENT**

<b>REFERENCE NO</b>	<b>:</b>	<b>RE AD-1020</b>
<b>JOB TITLE</b>	<b>:</b>	<b>Software Developer</b>
<b>JOB LEVEL</b>	<b>:</b>	<b>C5</b>
<b>SALARY</b>	<b>:</b>	<b>R 337,721 - R 562,868</b>
<b>REPORTS TO</b>	<b>:</b>	<b>Senior Specialist: Applications</b>
<b>Department</b>	<b>:</b>	<b>AM: DOD Unique</b>
<b>LOCATION</b>	<b>:</b>	<b>Blenny SITA Offices, Salvokop</b>
<b>POSITION STATUS</b>	<b>:</b>	<b>Permanent (Internal/External)</b>

**Purpose of the job**

To research, design, install, test and maintain and enhance software systems write and coding of individual programs in accordance with ICT standards and the enterprise architecture for Government.

**Key Responsibility Areas**

- Develop /Design software or customize software for client use with the aim of optimizing operational efficiency using SITA's software development stack / development framework;
- Coordinate software system installation and monitor equipment functioning to ensure specifications are met;
- Produce detailed specifications and writing the program codes;
- Maintain the integrated IT software components systems once they are up and running;
- Develop integrated Technical Service Specifications for single or multiple software components to clearly set direction for procuring or building software components.

**Qualifications and Experience**

**Minimum Qualifications:** 3 years Diploma / Degree in ICT (Computer Science, Information Systems, Technology and Engineering) or related field.

**Experience:** 3-5 years' experience with full software development lifecycle (SLDC), within systems development, implementation and maintenance / enhancements of solutions in the corporate sector organization.

## Technical Competencies Description

**Knowledge of:** Understanding of computer science including algorithms, data structures, operating systems and databases; Understanding of the user requirement process; Understand various tools and techniques in identifying functional requirements of software; Knowledge of Governance e.g. Cobit and ITIL; knowledge of the software development process and its technologies; knowledge to design and develop test plans and software simulator to facilitate different levels of testing; knowledge to report the results of different levels of testing; report the discrepancies between the software and its related documents; Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models; Understand the requirements for verification and validation of design documentations; verify and validate different levels of software/system design; Development methodologies (e.g. RUP, OpenUp, Agile), SDLC ; COTS (Commercial of the Shelf) Products; Security (Software and Technologies); Software Development Fundamentals; Software Requirements; Knowledge of coding languages; knowledge of computer languages, such as Delphi, Java, C++, PHP, and SQL; Knowledge of LAN and WAN; Desktop Support; Windows Server Administration; Active Directory (AD) Configuration.

**Skills:** Development (e.g. Delphi 2006, Delphi XE, Object Oriented, Visual Basic, C#, C++.); Portal (e.g. ArcGIS Technologies, HTML, CSS, with various integrations) ; Interfacing and Integration (Middleware Technologies); (ISO9001,ISO\IEC12207) Governance Processes and Standards (COBIT, ITIL, UML); Ability to learn new software and third-party technologies independently and integrate them elegantly into existing architectures; Planning and Organising; General Programming Skills; Software Development language required: Delphi 2006 or XE and also the ability to use one or more development languages such as (C#, C++ and Visual Basic, Java EE)

## How to apply

**Kindly forward your CV to:** [Lwandiso.recruitment@sita.co.za](mailto:Lwandiso.recruitment@sita.co.za)

**Closing Date: 21 May 2021**

## Disclaimer

SITA is an Employment Equity employer and these positions will be filled based on Employment Equity Plan. 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;
- Appointment is subject to getting a positive security clearance, the signing of a contract of employment verification of the applicant`s documents (Qualifications) and reference checking;

- Correspondence will be entered into with shortlisted candidates only; and