



## VACANCY

<b>REFERENCE NR</b>	:	<b>SD_HOS_09_2018</b>
<b>JOB TITLE</b>	:	<b>Software Developer X1</b>
<b>JOB LEVEL</b>	:	<b>C5</b>
<b>SALARY</b>	:	<b>R 337 721 - R 562 868</b>
<b>REPORT TO</b>	:	<b>Senior: Software Developer</b>
<b>DIVISION</b>	:	<b>ICT Specialist Support</b>
<b>DEPT</b>	:	<b>HSO: AM Cluster 1</b>
<b>LOCATION</b>	:	<b>SITA Erasmuskloof</b>
<b>POSITION STATUS</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 programmes 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 programme 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:** 3 year Diploma / Degree in ICT (Computer Science, Information Systems, Technology and Engineering) or related field.

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

### 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 Java, C++, PHP, and SQL.

**Skills:** Development (e.g. .NET Framework, Java Framework, Other IDE) Portal (e.g. HTML, CSS, JAVA scripting, Portlets 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; Ability to use one or more development language (C++, PHP, HTML, etc.). At least 3 years of development in Delphi and/or Java.

#### **Other Special Requirements**

Willingness to do Standbys/Callouts and travels to DOD clients countrywide.

#### **How to apply**

Kindly send your CV to [Rachel.recruitment@sita.co.za](mailto:Rachel.recruitment@sita.co.za)

**Closing Date: 02 October 2018**

#### **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.