



## VACANCY

REFERENCE NR	:	VAC01344
JOB TITLE	:	Software Developer
JOB LEVEL	:	C5
SALARY	:	R 455 638 – R 683 457
REPORT TO	:	Technical Manager
DIVISION	:	ADM
DEPT	:	ADM: Digital Services
LOCATION	:	SITA Centurion
POSITION STATUS	:	36 months - Fixed term Contract (Internal & External)

### 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 SITAs 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; and
- 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 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 organisation.

Experience in: • Xamarin Forms mobile development, preferably with Prism Proficient in C#, • Experience with REST APIs • Experience with Google Play Store, App Store Connect and Apple Developer platform for application deployment • Experience with database creation and maintenance; • Experience with a wide variety of programming languages and technologies; • Experience with working on multiple tasks and report status; and o Experience interacting with customers.

Technical experience: MVS Operating system, C#, Xamarin Forms, Prism, Firebase, Akavache, App Centre [Crashlytics], MS Sql, JavaScript, NHibernate.

### Technical Competencies Description

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. Comprehensive knowledge of software testing techniques and tools Comprehensive knowledge and experience with one or more of the major programming languages, HTML and JavaScript Skill, Java, Python, PHP, Net etc. Comprehensive knowledge and experience with one or more of the major database systems, MySQL, MsSQL, Oracle, Mongo, etc Comprehensive Team-working experience. Knowledgeable with JSON and XAML formats. Knowledgeable with App Centre. Knowledgeable with Visual Studio .Net. Strong in concepts of Object-Oriented Programming, Design Patterns & SOLID principle.

Skills: Application Development, Application Maintenance and Support, Database Administration.

#### **Other Special Requirements**

N/A.

#### **How to apply**

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

#### **Closing Date: 28 September 2021**

#### **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.
- CV`s sent to incorrect email address will not be considered