



VACANCY

REFERENCE NR	:	VAC 07100/21
JOB TITLE	:	Senior Software Developer - DEVOPS Engineer (.Net)
JOB LEVEL	:	D2
SALARY	:	R 500,909 - R 834,848
REPORT	:	Advanced Software Developer
Department	:	Application Development
LOCATION	:	SITA Centurion, Pretoria
POSITION STATUS	:	Permanent (Internal /External)

Purpose of the job

To lead the design, implementation, debugging, documentation, release and maintenance of software-based solutions, write codes, and enhance software/systems in accordance with ICT standards and the enterprise architecture for Government.

Key Responsibility Areas

Lead the design and development of new features for the software systems, and improvement of the existing ones; Implementation, debugging, documentation and release of the software solutions; Provide maintenance and enhancement support of the existing systems; Perform software systems coding assignments; and Supervision of the Software Developer team.

Qualifications and Experience

Minimum: 3 years National Diploma or Bachelors degree in ICT (Computer Science, Information Systems, Technology and Engineering) or related field.

Added Advantage: Azure Certification – Azure DEVOPS Engineer Expert; Containerisation certification; and Linux certification

Experience: 6-7 years experience with full software development lifecycle (SLDC), which must include the following:

6 years' experience Windows systems development and deployment using following technologies:

- Net Technologies;
- Open Source Frameworks;
- SQL (queries, store procedures and triggers)

2 years' experience establishing and maintaining a DEVOPS environment to achieve continuous integration and deployment/release pipelines

2 years' experience developing scripts to automate the deployment / release pipelines

2 years' experience developing, maintaining, securing, provisioning and deploying containers for:

- Webservices (SOPA and RESTful)
- DBMSs (MS SQL and MySQL)
- Websites / web applications
- Open source middleware

2 years' experience diagnosing production environment and optimising containers

3 years' experience configuring and deploying application on the IIS

5 years' experience deploy applications on Windows

5 years' experience developing quality technical design documentation

Working experience as a .Net developer; and Working experience functioning in an agile project environment

Advantage:

1 year' experience deploying containerised applications on Linux and Apache HTTP Server / NGINX / Wildfly / Tomcat

1 years' experience implementing DEVOPS pipelines for Azure

Technical Competencies Description

Knowledge of: Solid understanding of computer science including algorithms, data structures, operating systems and databases; ICT Governance and Compliance Governance e.g. Cobit and ITIL; Strong knowledge to design test plans according to the software requirements specification; Broad and extensive knowledge of the software development process and its technologies; Strong knowledge of user interfaces; IT Quality Management e.g. ISO9001 and CMMI; IT Security; ICT Standards; Integration Methodologies; COTS (Commercial of the Shelf) Products; OSS (Open Source Software) Products; IT Strategies and Architectures; Project Management; Execution of Architecture methods and practices e.g. TOGAF and GWEA; Networking protocols and services (HTTP/TCP/REST); Strong background in coding Strong knowledge of computer languages, such as Java, C++, PHP, and SQL. 4. Knowledge of Microservices / Service Oriented architecture concepts; and Knowledge of Cloud technologies

Skills: Development (e.g. .NET Framework, Java Framework, Other IDE); Enterprise architecture framework (TOGAF, Zachman, FEAF, MODAF, GWEA Framework, MIOS); Security (Software and Technologies); Portal (e.g. HTML, CSS, JAVA scripting, Portlets with various integrations); Interfacing and Integration (Middleware Technologies); Development methodologies (e.g. RUP, OpenUp, Agile), SDLC (ISO9001,ISO\IEC12207) Entity Relationship Diagrams; 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.

Other Special Requirements

How to apply

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

Closing Date: 29 May 2020

Disclaimer

SITA is Employment Equity employer and this position will be filled based on Employment Equity Plan. Correspondence will be limited to short listed candidates only.

- 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 accepted