



Job Description

Core Purpose Perform role of a Solution Architect	Level Team Member
	Group DevOps
	Functions Solutions Architect

Job Description

Job Title: Solutions Architect
Department: Software Development Manager

Job Requirements

Skills <ul style="list-style-type: none"> • Leadership and management skills • Knowledge/ hands-on with different technologies • Experience of a busy, high pressure working environment is an advantage as the role demands the ability to handle multiple workloads with key task identification and prioritization essential. • Keep abreast of the latest technology • Has strong software development skills • Strong knowledge of solution designing • Strategic thinking • Research, design solutions. Consult clients/colleagues concerning the maintenance and performance of software systems and ask questions to obtain information, clarify details and implement information. • Management Ability: Excellent communication skills both in dealing with the client to assess the scope and deliverables and change management as well as communicate these requirements to the Team Members of the Development Teams.
Computer skills <ul style="list-style-type: none"> • Basic computer literacy in MS Office (Outlook, Word, especially Excel) will be advantageous
Technical Skills <ul style="list-style-type: none"> • Solution Design, System Architecture, Business Architecture • Coordinating with Business Analysts, Project Managers, and the offshore team • Providing effort estimates and inputs to Business Development Team • Establishes a technical vision for the development team • Maintaining a productive working environment for development teams. • Representing the technology perspective on a management or board level • Establishes and/or co-ordinates team of programmers of work (delivered through development). • Execute / Compile Project Plan and organize all resources • Assign delegable responsibilities to Teams • Set and achieve team's goals. • Escalate issues affecting delivery to the Project Manager or Accounts Manager. • Determine skills needed by Team Leaders and advise training required. • Define and implement career roadmaps for Team Members. • Maintain existing systems by monitoring, identifying and correcting software defects • Maintain high standards of software quality within the team by establishing good practices and habits.

- Identify and encourage areas for growth and improvement within the team.
- Collaborate with other software developers, business analysts and software architects to plan, design, develop, test, and maintain web- and desktop-based business applications built on and desktop-based business applications built on JAVA, Oracle and Open source based technologies and tools.
- Assist in the collection and documentation of user's requirements, development of user stories, estimates and work plans.
- Prepare reports, manuals and other documentation on the status, operation and maintenance of software.
- Participate in peer-reviews of solution designs and related code.
- Analyse and resolve technical and application problems.
- Assess opportunities for application and process improvement and prepare documentation of rationale to share with team members and other affected parties.
- Adhere to high-quality development principles while delivering solutions on-time and on-budget.
- Research and evaluate a variety of software products.
- End to end experience of the project lifecycle
- Thorough understanding of AOP, OOPS
- Proficiency in XML, XSLT, XSD, XPATH
- Thorough understanding of Spring boot
- Excellent coding capability in Java 8
- Experience with Oracle
- Hands on experience with Angular, TypeScript, jQuery, HTML5, CSS, Bootstrap, JavaScript
- Knowledge of Microservices Architecture
- Thorough understanding of Linux, Jetty Server, Apache Server, Nginx Server
- Good understanding of Open source EDMS and broad knowledge of open-source tools
- Broad knowledge of Reporting tools and dashboards.

Academic requirements

- Degree (BSc Computer Science, Honours or Masters), or Diploma in Information Technology (with BTech) with Programming as a major

Relevant experience

- 8 -10 years working experience in the Information Technology sector
- Minimum of 5 years' experience Leading a Technical Team

Key Relationship Interfaces

Internal relationships	External relationships
<ul style="list-style-type: none"> • Team Lead • Software Developer • Project Manager • All Managers and Team Leaders • All staff 	<ul style="list-style-type: none"> • Clients • Service Providers

Requirements:

Ability to join the company on August 1, 2021 on a Permanent basis.

English Language: Fluent in reading, writing and speaking.

Applicants must have previous work experience of at least 3-5 Years.

Recruitment Information:



TERRA

Recruitment will be managed in line with our affirmative action measures and in accordance with the Employment Equity Act and as such candidates from designated groups will be preferred.

If you are interested in joining our fast paced, agile and dynamic team, please contact us at hc@terra.group – please include your name and surname in the subject line – example – Tracey Dlamini – Solution Architect. Please forward us the following documents for consideration:

1. Updated CV
2. Copy of all certifications and qualifications

Finalized Applicant must be willing to undergo background and qualification checks as well as reference checks with our preferred service provider.

Please note that should you not have heard from us within 3 weeks after the advert closing date, please consider your application unsuccessful.