

Job Description: **Senior Solution Architect**

Reference number: CA/SSA/202401

Job location: Profecia IT, Gqeberha Office

We're looking for a Senior Solution Architect who will be responsible for designing and implementing complex software solutions that align with business objectives. This role involves collaborating with stakeholders to understand requirements and create scalable and reliable architectures.

Key Responsibilities:

Solution Design:

- **Architectural Design:** Develop high-level architecture designs that outline the structure and components of the solution.
- **Technical Leadership:** Provide guidance on technology choices and architectural patterns to ensure best practices are followed.

Requirements Analysis:

- **Stakeholder Engagement:** Collaborate with business analysts, product managers, and stakeholders to gather and analyse functional and nonfunctional requirements.
- **Feasibility Studies:** Assess project feasibility and identify potential challenges and risks.

Implementation Oversight:

- **Collaboration with Development Teams:** Work closely with development teams to ensure designs are implemented correctly and adhere to architectural standards.
- **Code Review:** Conduct code reviews to maintain quality and adherence to architectural guidelines.

Integration and Scalability:

- **Integration Solutions:** Design and document integration strategies for various systems and applications, ensuring seamless communication between them.
- **Scalability Planning:** Plan for future scalability and performance considerations in the architecture.

Documentation:

- **Architectural Documentation:** Create comprehensive architectural diagrams, design documents, and technical specifications to guide development.

Continuous Improvement:

- **Technology Evaluation:** Stay updated with industry trends and emerging technologies to recommend improvements and innovations.
- **Process Optimization:** Identify opportunities for process enhancements within the architecture and development lifecycle.

Qualifications:

- **Education:** Bachelor's degree in Computer Science, Information Technology, or a related field (or equivalent experience).
- **Experience:** Minimum 10 years proven experience as a Solution Architect or in a similar technical role, with a strong understanding of software development processes.
- **Technical Skills:** Proficiency in multiple programming languages and technologies, including cloud services (e.g., AWS, Azure), databases, and integration tools.

Skills:

- **Architectural Knowledge:** Strong understanding of architectural patterns (e.g., microservices, serverless) and design principles.
- **Analytical Skills:** Excellent problem-solving abilities to address complex technical challenges.
- **Communication:** Strong verbal and written communication skills for effectively conveying ideas and collaborating with diverse teams.

Additional Attributes:

- **Leadership:** Ability to lead technical discussions and guide teams toward a common architectural vision.
- **Adaptability:** Willingness to learn and adapt to new technologies and methodologies as needed.

This role is essential for ensuring that technology solutions align with business needs and are built to scale effectively.

Suitably qualified and experienced candidates will be subjected to employment and criminal verification checks and will be required to undergo competency assessment/s. A comprehensive Curriculum Vitae must be submitted to careers@profeciait.co.za to be considered. Correspondence will be limited to shortlisted candidates and if you do not hear from us within 60 days after the closing date, consider your application unsuccessful. Please quote the Job Description you are applying for and the Reference Number on the subject line of your email when applying. For enquiries, contact Ms. Monica Chawanda, Tel 041 582 4582. Closing date for applications: 11h00, 5 August 2024