

Application Architect Job Description

Duties and Responsibilities:

- Define and implement application architecture for diverse business processes, projects, and function
- Develop software solutions and strategy to meet the architectural goals and needs of a client
- Liaise with programmers and software development team to design and implement an architectural system
- Assign work duties to an organization's technical and programming staff in order to achieve a common target
- Design the interface between multiple applications, databases, and middleware systems
- Provide technical support and training of an organization's IT personnel to ensure high level of business performance
- Carry out assessments to identify operational limitations and gaps in functional coverage
- Upgrade architectural systems and software life cycle to ensure improved processes
- Proffer recommendations to clients on technical resources and action plans necessary for an efficient architectural system
- Monitor the performance of architectural systems to ensure fluid interaction between components
- Conduct tests to ensure an application conforms to fundamental application standards and meets the requirements of the end user
- Ensure proper documentation of software design and developing processes in order to produce appropriate procedures for application use
- Design applications according to specific architectural design to improve overall system performance
- Attend educational workshops and seminars to improve on existing job knowledge and skill.

Application Architect Requirements – Skills, Knowledge, and Abilities

- **Education and Training:** To become an application architect, you require a Bachelor's degree in computer science or a related technical degree. Extensive experience and knowledge of programming, software development and architectural solutions is also required
- **Problem-solving Skill:** Application architects are able to identify and develop architectural systems that meet the needs of clients
- **Communication Skills:** They communicate with clients to identify their architectural needs and requirements
- **Analytical Skill:** They are well versed in conducting system analysis to identify operational limitations and gaps in functional coverage.