

Solution Architect Job Description

Duties and Responsibilities:

- Liaise with clients and business representatives to understand the needs of business
- Liaise with other professionals to design solution architecture for businesses and clients
- Ensure compliance to solution architectural design in the implementation of projects
- Provide architectural guidance to the project team
- Render consulting and technical support services on project implementation to the project team
- Explain technical issues and IT solution strategies to stakeholders and other IT professionals
- Keep accurate record of materials used, expected deliverables, and milestones achieved
- Ensure that solution milestones are accomplished at the right time
- Guide the activities of the solution architecture unit to ensure timely completion of projects
- Ensure that solution architecture (software and programs) designed are in sync with business needs and hardware
- Review the proposal of vendors and suppliers to ensure that quality inputs are delivered at the least possible cost
- Monitor the activities of external programmers or developers on IT solution projects
- Identify and mitigate existing business risk or risks associated with solution architecture.

Solution Architect Requirements – Skills, Knowledge, and Abilities

- Computer Literacy: To be a solution analyst, you have to be computer savvy and must feel comfortable working on computers for a long time. You must have basic knowledge of computer hardware and

software, operating systems, and system security/database management

- Education and Certification: You must possess at least a Bachelor's degree in computer science or in an IT related discipline. This is usually not enough as certification in a particular IT area is also necessary
- Communication: The position involves collaboration with clients, reporting to the lead [enterprise architect](#), and leading a team of solution architects. So, good communication skill is paramount in this role.
- Analytical thinking: He/she must be an analytical thinker. A solution architect must be able to understand the IT need of businesses and design programs to cater for such needs. He/she must be able to evaluate the likely effects of such programs on the profitability of the businesses
- Other necessary qualities include attention to detail, ability to work alone and also in group, and time consciousness.