



Example of Principal Solution Architect Job Description

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Our company is looking for a principal solution architect. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for principal solution architect

- Educates developers and engineers on devices and service offerings
- Provides input to Enterprise Architecture that helps builds reference architecture, frameworks and toolkits to drive scale of adoption in the ecosystem
- Analyzes the current technology environment to detect critical deficiencies and recommend solutions for improvement
- Assists in defining the principles that guide technology decisions for the systems
- Consults on application or infrastructure development projects to fit systems or infrastructure to the technical architecture, and identify when it is necessary to modify the technical architecture to accommodate project needs
- Facilitates the evaluation and selection of hardware and software technology and product standards, the design of standard configurations as they relate to the systems
- Applies advanced knowledge and understanding of architecture, application systems design and integration to develop enterprise level application and custom integration solutions including major enhancements and interfaces, functions and features
- Oversees or consults on application architecture implementation and modification activities, particularly for new and/or shared application solutions

- Drive the overall Global Sourcing and Manufacturing architectural strategy with hands-on leadership in ideation and implementation

Qualifications for principal solution architect

- Design and implement best-practice backup solutions for core datacenters, applications, databases, VMware virtual servers, and NetApp, PureStore, and 3-par storage systems
- Collaborate with storage team members to create mirrors and snapshots to adequately protect mission critical data
- Design and implement backup solutions for remote locations, offices, and small datacenters
- Collaborate with other IT and business units to identify RTO and RPO requirements and deliver solutions based upon SLAs
- Provide input and feed back to the IT Infrastructure architecture team for long-term strategic data protection BC/DR needs
- Work with vendors , VARs, and VMO to identify and procure new hardware to meet capacity demands and refresh existing hardware