Downloaded from <https://www.velvetjobs.com/job-descriptions/software-systems-architect>

# Example of Software Systems Architect Job Description

Our company is searching for experienced candidates for the position of software systems 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 software systems architect

* Resolve problems arising during various phases of the development
* Participate in Software Development process improvement activities
* Help drive a culture of professionalism and continuous improvement
* Supervise the creation of enterprise architecture
* Review proposed data models contained in packaged or commercially available applications before they are bought
* Establish data models in a platform based approach ensuring reuse of data models across client projects
* Ability to interact with Service Delivery personnel and with Clients on data related issues in support of business usage of the data
* Collect and identify the various metadata assets including data dictionaries, report catalogs
* Identify the data assets that are deemed significant to the enterprise, as determined by the business impact, decision impact, risk mitigation or organizational impact of the information
* Model the future state of the data architecture and provide data architecture best practices and guidelines

## Qualifications for software systems architect

* Minimum of six years of experience in software development and software engineering is required
* Masters in Computer Science or related field required
* Implement tooling to manage and operate cloud based infrastructure in support of an always-up, always-available public cloud-based infrastructure
* Step in to solve mission critical issues that arise
* Strong experience with automation of provisioning and configuration of IT and application infrastructure
* Experience with automated provisioning and managing large environments using public cloud infrastructure (AWS, Azure)