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

# Example of Software Systems Architect Job Description

Our innovative and growing company is looking to fill the role of software systems architect. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for software systems architect

* Leading / Performing Software design reviews
* Collaborates with product owners, architects, & operations to define solutions
* Sets wide-reaching project guidelines, develops and provides detailed specifications
* Design, code, test and debug complex software while developing new functionality, and enhancing existing functionality
* Define scope and develop testing methods, collaborating with the QA team and other developers
* Own the development roadmap for deployed applications
* Actively researches new and alternate technologies and influences changes to processes and methods
* This role will be required to work with offshore team regularly (evenings, early mornings)
* Develop thorough understanding of Stakeholder Requirements, define and maintain overall software solution architecture
* Understand the big picture and architect solutions that take into account scale dependencies interactions with adjacent systems (billing, subscriber DB etc)

## Qualifications for software systems architect

* Familiarity with UML modeling including context diagrams (identifying and describing use cases, actors, ), domain model diagrams (entity relationship modeling), Use Case diagrams and activity diagrams
* Strong communication skills, (verbal, written and interpersonal) solid problem-solving skills
* The candidate must possess a Bachelor’s Degree
* Preferred degrees included Computer Science, Computer Engineering, Electrical Engineering, Information Technology, Information Systems, or an equivalent degree
* Experience developing large, multi-user & multi-system software, developing software requirements, managing software development projects in Assembly, C, Zero Day Exploit, Scripts
* Must possess Bachelor's Degree