



# Example of Systems Architect Senior Job Description

Powered by [www.VelvetJobs.com](http://www.VelvetJobs.com)

Our company is hiring for a systems architect senior. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for systems architect senior

- Attend and drive industry committees working on the technologies for the future of railways and of freight transportation
- Reach out and learn from other industries that apply innovative and advanced technologies to resolve challenges similar to CN's
- Propose new and innovative ways to use technologies to improve CN's operations
- Provide technical leadership for prototype development, proof-of-concepts and pilot projects for evaluating new technological approaches
- Be hands-on in developing some of those new concepts
- Present these new technology concepts to CN senior leadership
- Understanding of business process design methods and tools a plus
- Contribute and agree to technology solutions, while working with the programme architects, the applications architects and third parties as appropriate, they will be responsible for ensuring that a technical design document describing the technical architecture for the programme/project is produced
- Ensure that all technology selected for the programme conforms to the client's technical long-term strategy, or that an appropriate level of agreement has been obtained where it does not
- Understand and take responsibility for the detailed design of the technology layer of the agreed solution

## Qualifications for systems architect senior

- Expertise in enterprise-wide technology and system integration
- Read and write current programming languages
- Ability to regularly exercise discretion and independent judgment in the performance of his/her job duties
- The job holder will normally be expected to be qualified to at least Honours Degree standard desirably Masters or higher Degree in an appropriate discipline