



## Example of Senior Engineer, SW Job Description

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Our company is growing rapidly and is hiring for a senior engineer, SW. 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 senior engineer, SW

- Identify the requirements of these Tailf/NSO function pack features needed
- Deal with a wide range of web development and integration issues in creative ways
- Develop, integrate and implement related application components, including front-end development, server-side development and database integration
- Participate in meetings & iteration planning
- Be responsible for building controls that allow customers to interact with their backend servers over the web, and implement them in a .NET environment (windows fat client application) backed by REST-based web services
- Provide work status and issue notification to appropriate project members and line management as requested
- GPU programming experience (especially CUDA) is a major plus
- Experience in libraries IPP, OpenCV
- Designs and develops Java application design for petroleum payment industry
- Engage in requirements identification, development of software engineering specifications, solution analysis and design on a wide range of assignments including software development, maintenance, and application developer support

### Qualifications for senior engineer, SW

- Expert in C++, should have experience designing and implementing small / mid size framework using C++
- Hands on experience working on mobile - iOS/Android/WinRT will be an added advantage
- Knowledge of Lua/HTML5/Javascript/web technologies will be an added advantage
- Must have experience with Core Java/J2EE
- Must have technical skills include Jenkins, Puppet, Docker, SVN, Maven, Vagrant, Ruby, Continuous Integration, Continuous Inspection, Automated Delivery, Unix Shell scripting/VM
- Virtualization experience with VMware or some flavor of running applications on a cloud