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# Example of Software Engineer, Tools Job Description

Our growing company is looking to fill the role of software engineer, tools. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for software engineer, tools

* Design CI/CD process in the context of a Jenkins Orchestration that uses automated build, test and packaging
* Configure and maintain jobs and pipelines using Jenkins
* Create packages that can be deployed on different platforms such as OpenStack, Bare metal, VmWare etc
* Create scripts that are needed for Jenkins pipelines, deployment and packaging
* Work with various IWAN solution development teams (10+ scrums), help them build the jobs, pipelines and train them on how to self-maintain
* Come up with best practices, share and make sure all the teams follow
* Jobs and pipelines to automate the testing at different stages of the development and delivery (pre-commit, post-commit and daily regression)
* Build, maintain and unify the developer environment that increases developer productivity
* Collect metrics and track coverage from various scrums
* Communicate with engineering teams to figure out tool needs and priorities

## Qualifications for software engineer, tools

* Strong foundation in standard web technologies, , JavaScript, CSS, XML, HTML 5, JSON
* Ability and desire to explore, evaluate and rollout new technologies
* Strong interpersonal and problem solving skills a must
* Must be familiar with either Lex/Yacc or other parsing tools
* Previous leadership experience or demonstrated leadership potential
* Demonstrated ability to balance mentoring and programming tasks