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# Example of Build Engineer Job Description

Our innovative and growing company is hiring for a build engineer. 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 build engineer

* Write clean, simple and effectively tested scripting, and automation
* Help evaluate and select open source projects that can help us achieve our mission
* Help our drive on self service, automating the process of building out new and maintaining CI development environments
* Building tools and infrastructure that empower development teams?
* Be the primary contact for the tool set owned and maintained by the group
* Continuous maintenance and improvement of automation & tools
* Will be required to develop, maintain and improve hooks/workflow between various tools/moving parts
* Create and maintain fully automated CI /CD processes for multiple products
* Work closely with the development, operations, QA, documentation and internal/external users
* Write & maintain scripts for customizing the tool set, build, deployment, maintenance and related tasks

## Qualifications for build engineer

* Experience in tuning compiler options and in the effect of compiler implementations to SW builds
* Experience in troubleshooting build issues with binary utilities like nm
* Good understanding of operating system concepts and conventional programming methodologies, with some hands-on experience in SW programming
* Strong experience in using Linux or UNIX as the build host platform, experience on using Windows is a plus
* A drive to innovate on solutions that provide new functionality without compromising on the fundamental design
* Good communication skills with partners internal and external customers