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# Example of Build Engineer Job Description

Our growing company is looking to fill the role of 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

* Docker Repo Administration
* Github, Gitlab and Bitbucket Administration
* Liaise with engineering (Web, Integrations, QA, ) team to support and anticipate their needs in terms of environments
* Integrate and align internal, customer and partner build systems
* Work with senior developers and SW build experts to architect and implement new build systems and system features, which bring benefits both on developer desktop and in automation
* Dive into build/makefile internals in order to refactor and improve the build design
* Participate in the planning and operations of build system enhancements and change reviews
* Design and develop the tools to allow efficient configuration management, build and release of software developed in C#, .NET, XML, ASP, SQL Server databases, , web based infrastructure components
* Proactively identify the data pipeline tools that will be needed throughout development
* Continuously improve existing system

## Qualifications for build engineer

* At least 10+ years of professional experience as build engineer
* Expert knowledge and experience in make, ant, scons
* Deep understanding of compiler internals
* Experience in building embedded Linux distributions, including root filesystems
* Familiarity with gcc toolchain, including cross-compilation
* Ability to work in a team that is distributed globally