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# Example of Automation Lead Job Description

Our growing company is looking to fill the role of automation lead. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for automation lead

* Managing a team of developers to deliver high impact web applications, scripts, tools, etc to drive business scalability
* Ensuring high levels of technical excellence in delivered products
* Working closely with the data science team to embed machine learning algorithms, NLP, etc into front-line tools/processes
* Collect, extract, analyze, interpret and report on key data from complex data sets
* Help the team in regular audit on existing process
* Will train users of various BSAPs as applicable
* Will be required to work and coordinate with subcontractors and vendor reps as needed
* Lead the test automation development from concept to implementation
* Define and execute automation testing for key interfaces to include message integrity, data integrity, robustness, negative testing, performance testing, stress testing, compatibility testing
* Define technical requirements and create high-level architectural specifications to ensure feasibility, functionality and integration of automation, development, and test activities

## Qualifications for automation lead

* Applies advanced engineering methodologies in engineering
* Experience with cloud based testing services like SauceLabs, BrowserStack
* Experience in implementing test automation for the host code (Java on Host, Cobol, Batch programs SP/SR)
* Hands-on DevOps Test Automation experience on commercial & open source tools like Selenium, HP UFT, Protractor, Logigear Test Architect
* Basic knowledge of crop production and farming practices, , farm equipment operation and repair
* Overall 5+ years of experience in Automation using python