



# Example of Test Automation Lead Job Description

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Our company is looking for a test automation lead. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for test automation lead

- Build relationships with relevant teams across the wider organisation to both support and shape future strategy and direction
- Provide professional project planning and estimation in keeping with department standards for functional automation aspects of projects
- Hands on with Performance scripting using HP Load runner Tool
- Performance, load, concurrent user and stress testing development, execution and publishing results
- Extensive troubleshooting in distributed/High Availability environments
- Design and build intelligent test systems that can simulate production load traffic
- Evaluate system performance establishing baselines and identifying relative change on a build / release basis and potentially per customer basis
- Perform capacity, scenario, and endurance tests
- Analyse scalability, throughput and load testing metrics against test servers
- Compare and contrast system performance with varying levels of physical resources (RAM, CPU cores, Disk caches, Network) and compute nodes

## Qualifications for test automation lead

- Advanced knowledge of OOAD with working knowledge of a OOP based programming languages (C#) and a scripting language is must
- Good knowledge on communication protocols with backend support systems
- Good knowledge on software designed for allowing incremental functionality

- Ability to work with all the stakeholders spread across geographies to achieve the desired results
- Avid follower of the latest technology and products in Automotive Infotainment and Consumer electronics
- Experience implementing and adapting Unit Testing frameworks such as NUnit, TestNG, mocking solutions