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# Example of SQA Engineer Job Description

Our innovative and growing company is hiring for a SQA engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for SQA engineer

* Application of test concepts to derive targeted testing of complex products (functional, systems integration, and performance)
* May design and develop test tools
* Lead and mentor jr level engineers
* Hands on Java development with Server-side web technologies (Spring, JPA, Hibernate)
* Medium complexity-Quality Assurance
* Complexity of applications
* Review product requirements together with the team and define acceptance criteria’s for user stories
* Create test plans for new or updated features in HPQC based on user stories
* Execute test cases and log defects to JIRA
* Take part in demo sessions after each iteration

## Qualifications for SQA engineer

* Experience of white box testing with C/C++ highly desired
* Must demonstrate ability to read C/C++ code and understand what it does
* Must have ability to write targeted test cases based on understanding of likely failures
* Experience with 3D Mechanical CAD/CAM software is a plus
* Be proficient in design tools such as AutoCAD Mechanical, SolidWorks or Inventor, experiences with design software testing methodologies are a plus
* Bachelor's degree or above, major in Mechanical Design, Computer Science or related field