

QA Engineer Job Description



QA ENGINEER RESPONSIBILITIES INCLUDE:

- Reviewing quality specifications and technical design documents to provide timely and meaningful feedback
- Creating detailed, comprehensive and well-structured test plans and test cases
- Estimating, prioritizing, planning and coordinating quality testing activities

JOB BRIEF

We are looking for a Quality Assurance (QA) engineer to develop and execute exploratory and automated tests to ensure product quality.

QA engineer responsibilities include designing and implementing tests, debugging and defining corrective actions. You will also review system requirements and track quality assurance metrics (e.g. defect densities and open defect counts.)

The QA technician role plays an important part in our company's product development process. Our ideal candidate will be responsible for conducting tests before product launches to ensure software runs smoothly and meets client needs, while being cost-effective. If you hold an engineering background and enjoy providing end-to-end solutions to software quality problems, we'd like to meet you.

Ultimately, you should monitor all stages of software development to identify and resolve system malfunctions to meet quality standards.

RESPONSIBILITIES

- Review requirements, specifications and technical design documents to provide timely and meaningful feedback
- Create detailed, comprehensive and well-structured test plans and test cases
- Estimate, prioritize, plan and coordinate testing activities
- Design, develop and execute automation scripts using open source tools
- Identify, record, document thoroughly and track bugs
- Perform thorough regression testing when bugs are resolved
- Develop and apply testing processes for new and existing products to meet client needs
- Liaise with internal teams (e.g. developers and product managers) to identify system requirements

- Monitor debugging process results
- Investigate the causes of non-conforming software and train users to implement solutions
- Track quality assurance metrics, like defect densities and open defect counts
- Stay up-to-date with new testing tools and test strategies

REQUIREMENTS

- Proven work experience in software development
- Proven work experience in software quality assurance
- Strong knowledge of software QA methodologies, tools and processes
- Experience in writing clear, concise and comprehensive test plans and test cases
- Hands-on experience with both white box and black box testing
- Hands-on experience with automated testing tools
- Solid knowledge of SQL and scripting
- Experience working in an Agile/Scrum development process
- Experience with performance and/or security testing is a plus
- BS/MS degree in Computer Science, Engineering or a related subject

SOURCE: <https://resources.workable.com/qa-engineer-job-description>