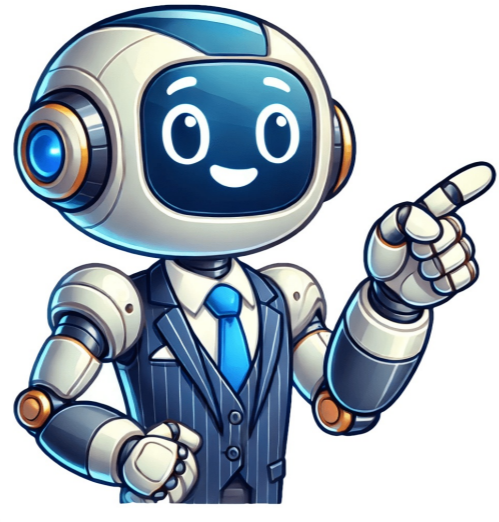


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Senior software test engineer

Updated January 8, 2025Quoted Experts A senior software engineer/senior tester is responsible for designing, developing, and testing software systems. They work with teams of developers to create software solutions that meet the needs of their clients. Senior software engineers/senior testers are experienced professionals with a deep understanding of coding languages, software development methodologies, and testing processes. They provide guidance to team members and are responsible for ensuring that software systems meet quality standards. Pros High salary Job security Opportunities for remote work Opportunity to work on challenging and innovative projects Opportunities for career growth Cons High stress levels due to pressure to deliver high-quality code Long hours often including weekends and holidays, especially when approaching deadlines Limited work-life balance and potential for burnout May be required to work on legacy systems that are difficult to maintain or upgrade Risk of replacement by less experienced engineers willing to work for lower salaries Job hunting sucks!Let Zippi apply to Senior Software Engineer/Senior Tester jobs for you! Being a Senior Software Engineer/Senior Tester right for you?? Senior Software Test Engineer Job Description 4.5 174 votes for Senior Software Test Engineer Senior Software Test engineer provides basic technical support to staff and customers by testing software and hardware products. To write an effective senior software test engineer job description, begin by listing detailed duties, responsibilities and expectations. We have included senior software test engineer job description templates that you can modify and use. Sample responsibilities for this position include: Reviews business requirements and acceptance criteria Develops manual and automated test cases Works with other team members in execution of automated test cases Work as a core member of a small team, alongside the developers Ensure the development and maintenance of test strategies, test plan, test cases, and reports Build and maintain test automation scripts Identify real-world EZE OTT Video streaming/advertising use cases & design/create performance tests Perform all aspects of verification, including functional testing, regression testing, and bug fix verification Recommend new testing methodologies based on industry standards, proactively identifying areas for improvement and implementing the changes Coordinate on project goals with other managers, including QA, Development and Product Management, and business-ops teams Senior Software Test Engineer Qualifications Qualifications for a job description may include education, certification, and experience. List any licenses or certifications required by the position: ISTQB, AWS, IAT, TA, CTAL, CTFIL, ISEB, QA, CSTE, II Typically a job would require a certain level of education. Employers hiring for the senior software test engineer job most commonly would prefer for their future employee to have a relevant degree such as Bachelor's and Master's Degree in Computer Science, Engineering, Software Engineering, Computer Engineering, Technical, Electrical Engineering, Education, Science, Information Technology, Mathematics Desired skills for senior software test engineer include: Functional and non-functional software testing Various test design methodologies Embedded software systems Basic financial analysis principles and ratios Desired experience for senior software test engineer includes: Capable of working independently and/or with developers Knowledge and working experience on client server functional and integration testing Fitness, SoapUI, TestNg, JUnit or similar test framework Good working knowledge of test lifecycles/processes, AGILE/Iterative Development a plus Good working knowledge of SQL and Object Oriented Databases like Oracle and MS SQL Experience in test case management using HP ALM or similar tool Senior Software Test Engineer Examples Our company is searching for experienced candidates for the position of senior software test 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 senior software test engineer Optimize test cycle efficiency & add functional & performance test automation into the continuous delivery pipeline Work within a cross-functional team of developers, business analysts, and quality analysts to specify, design, develop, test, and implement test automation based on user stories and requirements for the team Track, maintain and add to our automated test portfolio and test results Involve all members of the team in planning, designing, implementing and understanding the results of test automation Maintain an expertise in agile testing and test automation, and evangelize effective approaches and tools to the team Contribute to the overall quality organization by providing timely feedback and recommendations on tools and processes Confidently conduct effective automation training sessions for individuals or groups Assist in automation training material development and implement into a training program Review software requirements and recommend a test automation strategy to ensure full test coverage keep up requirement change Use QA knowledge and skills to validate that the software requirements and User Story acceptance criteria have been fully defined and understood by the Scrum team Qualifications for senior software test engineer Experience in designing object oriented systems Accurate task estimates and execution Performance test experience Security test experience Experience with development on either the Xbox One or PlayStation 4 (preferred) Senior level QA engineer experienced in test design, test development, and test automation within a multi-tiered Java application hierarchy Our company is growing rapidly and is looking for a senior software test engineer. 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 senior software test engineer Coach and coordinate the testing work of developers, reviewing their test design and test results to confirm that deliverables fulfill the established functional and non functional requirements Drive and perform test execution, particularly in verifying the release quality to ensure that functionality, usability, performance, and security are meeting expectations Act as a risk-driven quality assurance professional, escalating quality issues and concerns in a timely manner, and provide suggestions for improvement to the team, management, and stakeholders Contribute to test automation solutions and tools to maximize test coverage and efficiency Contribute to process improvement initiatives to increase quality testing efficiency Review and advise testing methods and best practices for developers Develop Test Scripts for Automation, execute them, log defects and prepare test reports Participate in technical discussions within QA team with other groups associated with assigned projects Work on additional tasks and responsibilities as assigned that will contribute towards team and company goals Advocate for shift-left approach to testing and be the voice of quality in a highly collaborative product team Qualifications for senior software test engineer Ability to collaborate across the organization (on-shore and off-shore) Knowledge of C#, Java and/or C/C++ Experience with testing frameworks and tools such as Jmeter and Typemock Experience with cloud scale software Demonstrate technical problem solving skills You are passionate about software quality!!! Our innovative and growing company is looking to fill the role of senior software test engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below. Responsibilities for senior software test engineer Develop and maintain tools and reporting infrastructures for visualization of key test metrics Be involved in the quality assurance stage of software development and deployment Be responsible for the software analysis, to overt risk and prevent issues Work closely with development team to review software requirements, prepare test plans & test cases, execute tests & report the results Participate in project meetings & iteration planning Work with Product and UX to understand and collaborate on defining product deliverables Write maintainable, reliable, reusable, secure, performant code Work with our DevOps toolset and extend the automation testing aspects as needed (building dashboards, scripting) Occasional manual tests when automation is not feasible yet Drive test-related activities early in a sprint and maximize working in parallel with developers Qualifications for senior software test engineer Experience in modern test frameworks (TestNG, JUnit, NUnit, WebDriver etc) Experience in writing functional tests for Service Oriented Architecture (REST, SOAP, etc) Strong experience testing scalable, high quality distributed services (Java EE, ReST, Web services) 15+ years of software programming and/or automated testing experience Experience with REST or other web APIs such as SOAP/WSDL is a plus You have a high quality experience (+5 years) building and testing user facing software systems Our company is looking for a senior software test 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 senior software test engineer Communicates test progress, test results, and other relevant information to leadership and/or stakeholders Provides automated quality assurance of deliveries from our development team in an agile environment Can work with a wide range of teams across various locations and time zones Conduct peer code reviews and mentor junior associates Utilizes both standard new automation technologies, methods, tools, and practices Analyze/Support existing internal customers for AMS products Leverage our test tools, ie Automate the collection, aggregation and reporting of dev quality including trends/Review requirements and define acceptance criteria that will be used for design and testing of new features Work with engineering teams in China and the United States to ensure cross-product quality Qualifications for senior software test engineer You have a solid experience testing high performance, cross platform client software You have an experience and skillset to read/understand/write C++ code You are well versed with scripting languages (eg You are well versed in using various test frameworks and test tools (eg You are religious about data-driven decision making You have solid experience in test automation - you cannot stand manual systems Our innovative and growing company is looking for a senior software test 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 senior software test engineer Research and identify flaws in our products before they are released to the public Participate in the analysis and resolution of issues Conduct technical research and experiment in specific testing areas Scrub any issue in their product area, consistently figuring out steps to reproduce in a test account based on steps to reproduce in a customer account Experienced at filing new issues in their product area and related product areas from error DB searches Writes and executes test plans for most moderate to complex features in their product area, requiring up to many weeks of testing Executes, maintains, and reviews the results of existing automated tests, filing issues, and fixing tests as necessary Develop and implement an overall test automation strategy for unit, system, integration Drive improvements in test automation tools Research, Design and Implement extendable testing framework Qualifications for senior software test engineer You like to work in teams You are familiar with the domain of maps and location based services You have an experience working in a multi-site team setup You have a good knowledge of networking & system tools (eg You are an expert in multiple programming languages You bring a new variety to team expertise Related Job Descriptions London, England, United Kingdom Software and Services As a Software Test Engineer, you will work closely with software design and development teams to understand architectural diagrams, and utilize the information to develop automated QA strategies. You will be responsible for crafting, implementing, and executing test plans and test suites based on specification documents. You will be doing End to End system validation at scale for cloud based services and technologies. In this role, you will work very closely with the software development, client application development teams, and other cross functional teams to ensure quality is at highest level. Your focus be on following areas: - Defining and running functional, stability, and performance tests for various aspects of HW/SW interactions - Bring up and automate test scenarios for various client applications built on macOS/iOS SW - Creating tools (apps, scripts, etc) to help with testing efforts First level triaging and analysis of issues found during testing Reporting of test results to various cross functional teams In depth experience of software automation and development experience Strong programming skills in Python, Swift, and Bash. Experience with Git and codebase management. Experience with Swift, Objective-C and Apple development/test tools (ATP, BATS, Device compute) is a definite plus/Strong passion for quality assurance in software, including experience in finding, investigating, and fixing bugs. Good coding experience in C/C++ or a C type language Strong development/programming experience in Python/Ansible/Kubernetes Work closely with Development Engineering to collaborate and define test strategies for new features Creative, collaborative, and product-focused Excellent communication skill You can't perform that action at this time. Automatically Apply For Jobs With Zippi Upload your resume to get started. Updated January 8, 2025 Quoted Experts Below we've compiled a list of the most critical senior software engineer/senior tester skills. We ranked the top skills for senior software engineers/senior tester based on the percentage of resumes they appeared on. For example, 8.7% of senior software engineer/senior tester resumes contained java as a skill. Continue reading to find out what skills a senior software engineer/senior tester needs to be successful in the workplace. The eight most common skills for senior software engineers/senior tester in 2025 based on resume usage. Java is a widely-known programming language that was invented in 1995 and is owned by Oracle. It is a server-side language that was created to let app developers "write once, run anywhere". It is easy and simple to learn and use and is powerful, fast, and secure. This object-oriented programming language lets the code be reused that automatically lowers the development cost. Java is specially used for android apps, web and application servers, games, database connections, etc. This programming language is closely related to C++ making it easier for the users to switch between the two. Here's how senior software engineers/senior tester use java: Designed, developed and implemented Data Driven and Keyword Driven automation testing framework utilizing Java, TestNG and Selenium WebDriver. Tested a Mission Monitoring System written in Java programming language by verifying performance and functional requirements for GUI interfaces. Python is a widely-known programming language. It is an object-oriented and all-purpose, coding language that can be used for software development as well as web development. Here's how senior software engineers/senior tester use python: Enhanced existing Selenium knowledge with WebDriver using Python to complement manual testing with automation. Automated Email/Messaging/Multimedia applications in core regression test plan by using Python scripting language. Here's how senior software engineers/senior tester use test automation: Refocused test automation from development of new scripts to utilization and refinement of existing routines. Test Automation: Responsible for automating various windows applications using Mercury Interactive product WinRunner. C++ is a general-purpose programming language that is used to create high-performing applications. It was invented as an extension to the C language. C++ lets the programmer have a high level of domination over memory and system resources. C++ is an object-oriented language that helps you implement real-time issues based on different data functions. Here's how senior software engineers/senior tester use C++: Supported Software Change and Enhancement Requests for Security Mediator using C++, COM+, ATL and Windows AD. Designed, developed and maintained code to parse DLM product licenses using C++ and SQL queries. Here's how senior software engineers/senior tester use C#: Designed/maintained automation using in-house C# automation library. Executed Automated Test Scripts using Selenium RC and C#. Here's how senior software engineers/senior tester use software test: Prepared business cases for automated software testing by formulating requirements and evaluating potential gains against feasibility and completion time. Provide leadership, management and software test/systems engineering support on developmental software versions for release to government agencies. Here's how senior software engineers/senior tester use test results: Communicated test results identifying top blocker defect and reporting on quality to senior leadership through meetings and written correspondence. Evaluated automated test results, utilized findings to present process improvement recommendations. Here's how senior software engineers/senior tester use api: Write and automate unit tests, end-to-end tests, and API tests for Platform services prior to code release. Developed test scenarios to test REST API Endpoint calls against different products using firebug, poster, and fiddler. Jenkins is an open source automation server that is free to use. It can include continuous deployment and execution by automating the aspects of product creation related to building, analyzing, and deploying. It is a system based on the server that runs in servlet containers like Apache Tomcat. Jenkins is a java-based fully accessible automation platform with plugins designed for Continuous Integration. Here's how senior software engineers/senior tester use jenkins: Designed and implemented weekly automated test with Jenkins. Used Jenkins as a continuous build server to run software and web applications tests. Scrum is a lean structure for communicating, designing, and promoting complex products, with a focus on programming development. It has been applied to a variety of areas, including manufacturing, testing, new technology, and marketing techniques. Scrum is a simple framework that helps people, organizations, and teams generate value by providing many solutions to complicated problems. Here's how senior software engineers/senior tester use scrum: Followed agile project development Methodologies and attended Scrum meetings with business sponsor team. Participate in Scrum and Agile Development methodology. QA, or Quality Assurance is a procedure that entails all of the steps taken to avoid any errors in the manufacturing process or in the production of the goods that a company produces. It can also include ensuring the consistency of the services rendered. Quality assurance ensures that the quality of the service delivered to consumers meets or exceeds the promised expectations. This greatly aids in the prevention of any complications that might arise after the goods or services have been distributed. It makes sure that customers are satisfied. Here's how senior software engineers/senior tester use qa: Work effectively in a team environment, including with software/hardware development engineers, QA engineers and technical marketing engineers. Prepared QA project documentation and test repository maintenance and updating. Linux is a Unix-like operating system. Just like Windows, Mac OS, and IOS, Linux is an operating system used by millions across the globe. Android itself is powered by the Linux operating system. Linux manages all the hardware resources that are associated with your computer. The software is famous because of the protection it grants from viruses, malware, and crashes. The Linux operating system is entirely free and is an open-source software meaning it can be altered by those equipped with the knowledge to code. Here's how senior software engineers/senior tester use linux: Supported LINUX desktop configurations and installed and configured Red Hat Enterprise, installing and troubleshooting instrument drivers. Involved with the Local Data Acquisition and Dissemination (LDAD) Server Upgrade functionality integration testing in a Linux platform. Here's how senior software engineers/senior tester use jira: Recorded testing anomalies in JIRA and Subversion defect tracking system for configuration management purposes. Conducted extensive JIRA Fix Verification based on defects reported. Here's how senior software engineers/senior tester use ui: Project details: DMS is a UI based Merchandising System, designed to make it easier to complete merchandising tasks. Conducted Regression and UAT Testing for various releases of UI software for the application using HP Quality Center. Here's how senior software engineers/senior tester use regression: Conduct Functional, System and Regression testing to ensure that new software enhancements function according to specification and requirements. Developed, executed, and maintained WinRunner automated test scripts for regression and functional testing of Decennial client/server applications. Build a professional senior software engineer/senior tester resume in minutes. Browse through our resume examples to identify the best way to word your resume. Then choose from 5+ resume templates to create your senior software engineer/senior tester resume. Build a professional resume in minutes using this template. What skills help Senior Software Engineers/Senior Tester find jobs? Tell us what job you are looking for, we'll show you what skills employers want. The most important skills for a senior software engineer/senior tester resume and required skills for a senior software engineer/senior tester to have include: Java Python Test Automation C++ C# Software Test Test Results API Jenkins Scrum QA Linux Jira UI Regression API Testing Test Scripts Selenium WebDriver Test Tools Test Data Cucumber JUnit Web Services Ruby Unix SDLC Test Suites TestNG Test Strategy Android Automated Testing Tools End Testing Debugging XML Software Applications Automation Scripts Azure Manual Test Cases Test Scenarios Test Reports Test Procedures Test Execution SQL Server UI Testing HTML User Acceptance Web Application Updated January 8, 2025 Browse computer and mathematical jobs You'll be proficient in the principles, methods, techniques and tools for the effective management of the testing process and the execution of tests throughout the lifecycle of development or integration projects. Examples, but not limited to: test efficiency and effectiveness measurement. Application Development Methods, Techniques and Standards You'll be familiar with organised and documented sets of techniques, and proven methods, intended to facilitate the structured and open development of applications. A DevOps approach may be taken where development and operational staff work together. Examples, but not limited to, of standards for data-interchange and application development methods are REST (data handling via URLs) and SCRUM. Configuration Management You'll be familiar with the discipline which gives precise control over IT assets and components by recording and maintaining information about the 'configuration items', including hardware devices, computer programs, software licences, documentation, network devices, and data centre facilities (virtualised and static). Risk Management You'll be proficient in methods and techniques for the assessment and management of business risk including safety-related risk. Example, but not limited to: CRAMM and ISO/IEC31010 - risk management and assessment techniques.