60 QA interview questions to ask your candidates (with answers)

Questions

1. What is the difference between quality assurance and quality control?

2. Can you explain the concept of test coverage?

3. How would you approach testing a new feature in an existing application?

4. What is the purpose of regression testing?

5. How do you prioritize which bugs to fix first?

6. What is the difference between black box and white box testing?

7. How do you handle a situation where you find a critical bug just before a scheduled release?

8. What strategies do you use to test software performance?

9. How do you ensure effective communication between QA and development teams?

10. What do you consider to be the most important skills for a QA professional?

11. How do you ensure that a test case is comprehensive?

12. Can you explain what a test plan is and why it's important?

13. Describe a time when you found a bug that others had missed. How did you discover it?

14. What are the key components of a good bug report?

15. How would you test a web application for security vulnerabilities?

16. What steps do you take to stay current with QA best practices and tools?

17. How do you manage your time when working on multiple projects with tight deadlines?

18. Can you describe the difference between functional and non-functional testing?

19. How do you handle repetitive tasks in QA processes?

20. What are the most common challenges you have faced as a QA engineer and how did you overcome them?

21. How do you verify that a bug fix has not introduced new issues?

22. What techniques do you use to write effective test cases?

23. Describe your experience with automated testing tools.

24. How do you determine the severity and priority of a bug?

25. What role does user feedback play in your testing process?

26. How do you stay organized when dealing with a large number of test cases?

27. Can you explain the concept of smoke testing?

28. How do you ensure the quality of your own work before submitting it for review?

29. Describe a situation where you had to learn a new tool or technology quickly. How did you approach it?

30. What do you believe is the most important aspect of a successful QA team?

31. How would you approach testing a mobile application across different devices and operating systems?

32. Describe a situation where you had to balance quality with tight deadlines. How did you manage it?

33. How do you approach testing a feature that lacks clear requirements or specifications?

34. What strategies do you use to maintain test case effectiveness over time as an application evolves?

35. How would you test a critical financial transaction system to ensure data integrity and security?

36. How do you approach testing third-party integrations in an application?

37. Describe your experience with continuous integration and continuous deployment (CI/CD) in QA processes.

38. How would you test the accessibility of a web application?

39. How do you approach testing machine learning or AI-driven features in an application?

40. How would you design a test strategy for a microservices-based application?

41. Can you outline the steps you would take in an Agile testing process?

42. What is your approach to risk-based testing, and how do you prioritize tests in this context?

43. Describe how you would implement test-driven development (TDD) in a project.

44. How do you handle testing in a Continuous Integration/Continuous Deployment (CI/CD) environment?

45. What are the key differences between Agile and Waterfall testing methodologies?

46. How would you conduct exploratory testing in a time-constrained project?

47. Can you explain the concept of acceptance testing and its importance?

48. What methods do you use for load and stress testing in performance testing?

49. How do you incorporate usability testing into your QA process?

50. Describe how you would use behavior-driven development (BDD) in a testing scenario.

51. What is your approach to cross-browser testing, and why is it important?

52. Can you explain the concept of shift-left testing and its benefits?

53. Can you explain the benefits of test automation in software development?

54. What criteria do you use to decide which tests to automate?

55. How do you handle flaky tests in your automation suite?

56. Describe your experience with any test automation tools you have used.

57. How do you ensure the maintainability of automated tests?

58. What is your approach to integrating test automation into a CI/CD pipeline?

59. Can you explain the concept of data-driven testing and how you've implemented it?

60. How do you handle test data management in your automation projects?