

# **SDET 2 Interview Preparation Guide for Cvent**

This document provides a comprehensive list of interview questions and preparation tips for the SDET 2 role at Cvent. It includes technical questions, testing methodologies, behavioral questions, domain-specific inquiries, and company-specific questions. These questions aim to assess your skills in software testing, automation, coding, and problem-solving relevant to Cvent's requirements.

## **Technical Questions**

1. Write a function to reverse an array.
2. Implement a function to check if a string is a palindrome.
3. Design a stack with push, pop, and min operations in  $O(1)$  time.
4. Explain the components of a test automation framework you've developed.
5. How do you integrate Selenium with TestNG for test execution?
6. Describe how you handle dynamic web elements in Selenium.
7. What strategies do you use for cross-browser testing?

## **Testing Methodologies**

1. When would you choose manual testing over automation?
2. How do you determine the test cases suitable for automation?
3. Explain boundary value analysis with an example.
4. How do you ensure comprehensive test coverage?

## **Behavioral and Situational Questions**

1. Describe a challenging bug you encountered and how you resolved it.
2. How do you handle situations where there's a disagreement on a defect's severity?

3. Can you provide an example of how you collaborated with developers to improve product quality?
4. How do you manage conflicts within your team?

#### Domain-Specific Questions

1. What tools have you used for performance testing, and how do you interpret the results?
2. How do you simulate a high-load scenario in a test environment?
3. What are common vulnerabilities you check for during security testing?
4. How do you approach testing for SQL injection flaws?

#### Company-Specific Questions

1. How would you test an event management feature in Cvent's platform?
2. What challenges do you anticipate in testing Cvent's software solutions?

#### **Preparation Tips:**

1. Review Core Concepts: Ensure a solid understanding of software testing principles, automation frameworks, and programming fundamentals.
2. Hands-On Practice: Engage in coding exercises on platforms like LeetCode or HackerRank to sharpen problem-solving skills.
3. Understand Cvent's Domain: Familiarize yourself with Cvent's products and services to contextualize your responses.
4. Behavioral Readiness: Reflect on past experiences to provide concrete examples during behavioral interviews.