Interview Questions to Ask a Java Software Engineer| Xobin [Downloaded]

We at Xobin reached out to over 70+ Hiring teams to curate the best interview questions. We didn't stop there.
We went ahead to understand what type of answers differentiated the top candidate from the rest. Here is what we've got for you.

Role-specific skills to look for : Java programming, Java testing tools, Java web framework, Object-relational mapping, and Bigdata.

Soft skills to look for: Communication, teamwork, problem-solving, interpersonal skills, and logical thinking.

> **Pro Tip:** Always screen before your interview. Use Online Assessment to screen applicants for a Java Software Engineer position before blocking your time for an in-person interview.

Compilation of Java Software Engineer Interview Questions

Role-Based Interview Questions to ask a Java Software Engineer

💡   Why is Java called a platform-independent programming language?

Purpose of the question: This question is designed to test the candidate's basic knowledge about Java and its features.

What to listen for in candidate response: A top candidate would explain how java is platform-independent.

> 💡   Why is Java called a statistically typed language?

Purpose of the question: This question can be asked to make sure if the candidate knows about Java and its various features.

What to listen for in candidate response: Ideal candidate would explain the reason behind Java being a statistically typed language, so look for the terms which explain the same.

> 💡   What is the difference between heap and stack memory?

Purpose of the question: Knowledge of how memory allocations work in Java and its type is crucial to the role of a Java software engineer.

What to listen for in candidate response: Listen for the specific terms that differentiate between heap and stack memory.

> 💡   Can you write the java code for the fibonacci series?

Purpose of the question: This question is designed as a specific exercise that will show the candidates knowledge of using Java code to complete a task. Look if the

candidate writes a correct code using minimum time.

What to listen for in candidate response: A good answer would define the 4 types of error in PHP, listen for the specific terms that describe the same.

💡 Can you explain Bug cycle?

Purpose of the question: For any job role working on software development defect and bug life cycles are crucial, hence a Java software engineer must have knowledge of the same.

What to listen for in candidate response: An ideal answer would explain what is a bug cycle and its various stage.

💡 Explain JSP life cycle methods.

Purpose of the question: This question is designed to test the candidate's knowledge of server-side programming technology.

What to listen for in candidate response: A top candidate would explain the different phases and methods of the JSP life cycle.

💡 What is JSP expression language(EL)?

Purpose of the question: With the help of this question you can test the candidates knowledge of the java features and tools like access to java beans with the help of scripted languages.

What to listen for in candidate response: Listen for the specific terms that explain what is a JSP expression. Top candidates would also explain how is the EL helpful and what it includes.

💡 Can a double value be stored in a long variable without casting?

Purpose of the question: This is designed to know if the candidate know about the different variable types. Since variable types are basic of any programming languages, hence its knowledge is critical for any software engineer.

What to listen for in candidate response: Top candidates would explain the reasons why or why not a double variable be stored in a long variable without casting.

💡 Explain a Spring bean lifecycle.

Purpose of the question: For any software developer the knowledge of different frameworks is important to their job role, and as Spring is a crucial part of Java hence it becomes crucial for a Java software developer.

What to listen for in candidate response: A top candidate would list all the steps that Spring bean consists of.

💡 What are the implementations of the Spring beam factory?

Purpose of the question: Like the question above, this question too, tests the candidates' knowledge of a crucial framework for like Spring Java software development.

What to listen for in candidate response: An ideal answer would include what is a bean factory and list out its different interfaces and sub-interfaces.

Situational Interview Questions to ask a Java Software Engineer

💡 Do you enjoy working in a team or alone?

Purpose of the question: This question is designed to understand if the candidate is a team player or loner.

What to listen for in candidate response: An ideal candidate should be able to work in both situations.

💡 How do you keep your skills up to date?

Purpose of the question: Being updated with the latest trends in the market is a sign of a top candidate.

What to listen for in candidate response: Look for evidence of the understanding of the new trends in the candidate.

💡 Why do you want to work for our company?

Purpose of the question: This question is designed to know what kind of information does the candidate has about your company culture and what has excited them to join your organization.

What to listen for in candidate response: Listen for the detail about what has driven the candidate to work for your organization.

💡   What are your salary expectations?

Purpose of the question: This question helps in understanding what the market is currently paying for certain qualifications, experience, and skills.

What to listen for in candidate response: Top candidates would give the range of salary they expect.

💡   What are your favorite apps and why like them?

Purpose of the question: Using this question the candidate's ambition and willingness to learn awareness of the industry, as well as their appreciation for the nuances of application development, can be tested.

What to listen for in candidate response: Look for evidence of inspiration and motivation to constantly improve.

💡   Was there a time when you experienced pushback on a project you were working on? How did you manage the situation?

Purpose of the question: This question is designed to learn how dedicated are the candidates towards their vision and are able to make a case for development decisions they believe in.

What to listen for in candidate response: Look for candidates who have navigated the pushback gracefully, listening to the feedback and explaining their perspective.

💡 Describe your experience on a difficult project that involved many stakeholders. How did you get the project done?

Purpose of the question: This question is asked to know about the collaborative skills of a candidate.

What to listen for in candidate response: Look for signs where the candidate took charge and motivated the rest of the team.

💡 What are some principles every software developer should follow, in your opinion?

Purpose of the question: Being aware of the responsibility and skills required as a professional is a sign of a top candidate.

What to listen for in candidate response: Listen for the specific skills required for a Java developer and if the candidate fits the company culture or not.

💡 Can you tell us about the latest project you have worked on? What was your contribution to its success and did you face any obstacles during it?

Purpose of the question: This question is designed to get an insight into the candidate's overall contribution to the project, management skills, and how they work with a team.

What to listen for in candidate response: Listen for the evidence of problem-solving, time management, and other required skills required for a software engineer's job position.

💡 Do you have any questions for us?

Purpose of the question: The question is designed to know how interested the candidates are in your company.

What to listen for in candidate response: Top candidates would ask questions and show interested in the job and company-related details.

Start Optimizing your Java Software Engineer Hiring today

Find and hire talent with confidence. If your candidate doesn't know the answer to the above questions and you're hiring for a Java Software Engineer position, then they're obviously not a great fit.

xobin

Prepared and Curated by Xobin Team