

Interview Questions to Ask a SDE intern| 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: Knowledge of Algorithms and Data Structures, proficiency in programming languages like C++, Java (J2EE), XML, Python, OOP, Understanding of concepts in Computer Science, database environment.

Soft skills to look for: critical thinking, problem-solving, analytical, curiosity to learn, and teamwork.

Pro Tip: Always screen before your interview. Use [Online Assessment to screen applicants for a SDE intern](#) position before blocking your time for an in-person interview.

Compilation of SDE intern Questions

Role-Based Interview Questions to ask a SDE intern



What is the difference between a two-tier system and a three-tier system?

Purpose of the question: This question is designed to learn about the candidate's knowledge of software systems, how they differ from one another and what types of

applications you'd use them for.

What to listen for in candidate response: Listen for the specific terms which define and differentiate two-tier systems from three-tier systems.



What is API?

Purpose of the question: This question is designed to understand the candidate's knowledge of the important terms of software development terms like API.

What to listen for in candidate response: Listen for the specific terms which explain API.



Explain big-O notation.

Purpose of the question: Like the previous question, this question is designed to understand the candidate's knowledge of the important terms used in software development.

Purpose of the question: Listen for the specific terms which explain the big-O notation.



If you receive one assignment which requires black box testing and another assignment that requires white box testing. What does this mean?

Purpose of the question: This question can be asked to find out about a candidate's technical knowledge and whether they'd be able to understand software engineering terms to complete daily work tasks.

What to listen for in candidate response: An ideal answer would include the definition of each type of software testing and how they'd translate into their job duties.



If you're asked to create a microservice app. Can you tell us what this would mean?

Purpose of the question: You can ask, to determine the candidate's range of experience in software development and knowledge of terms.

What to listen for in candidate response: Listen for the specific terms microservice app.



What was the last project that you worked on? How did you contribute to its success?

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

What to listen for in candidate response: Listen for the level of management skills, teamwork skills, top candidates would explain their contribution to the projects in detail.



What are the top two programming languages for you and why?

Purpose of the question: This question helps in demonstrating a candidates' experience and knowledge.

What to listen for in candidate response: An ideal candidate would give reasons why they prefer the particular programming languages.



Can you write a program to compute the Nth Fibonacci number in any language of your choice?

Purpose of the question: This is one of the most commonly asked questions in an interview for the role of SDET. This is designed to test a candidate's programming skills.

What to listen for in candidate response: Look for errors(if any) in the code, and pay attention to how much time it takes for the candidate to answer this question.



How familiar are you with the concept of OOPS?

Purpose of the question: OOP is one of the most critical concepts for any programmer, hence it becomes important that an applicant of this role knows about concepts like this

What to listen for in candidate response: Listen for the specific terms that explain OOPs.



What are the most important aspects to pay attention to when reviewing a code, in your opinion?

Purpose of the question: Code review is crucial to this function, hence any applicant for this job role. By asking this question the interviewer can understand the candidate's knowledge and various skills.

What to listen for in candidate response: Look for the evidence of skills like problem-solving and attention to detail.

Situational Interview Questions to ask SDE intern



Can you tell us a bit about yourself?

Purpose of the question: This question can be asked to learn more about the candidate's personality and allowing them to relax a bit.

What to listen for in candidate response: Top candidates would talk about their educational details, career aim, and hobby or interests.



What are your strengths?

Purpose of the question: This question is designed to understand if the candidate has the skills or personality traits that will enable them to fit in with a pre-existing team.

What to listen for in candidate response: Top candidates would show evidence of curiosity to learn, and other skills required as per the job description.



How do you plan to make an impact during your internship here?

Purpose of the question: This question is designed to understand whether the candidate possesses leadership skills, as they would be a core part of the business.

What to listen for in candidate response: Top candidates would describe how they plan to initiate the strategy to create impact and the tactics they plan to use.



How do you handle pressure if you are equipped with multiple tasks at a time?

Purpose of the question: This question is designed to test the candidate's management skills.

What to listen for in candidate response: Look for evidence of management qualities related to project planning and execution.



What are your work expectations and what do you expect to gain from this internship?

Purpose of the question: This question can help in revealing what a candidate expects to get out of this position and what they think the work will involve.

What to listen for in candidate response: An ideal candidate would talk about their goals which they expect to achieve.



What are you planning to do after completing this internship?

Purpose of the question: The question is designed to understand if the candidate has the potential to work for your company long-term.

What to listen for in candidate response: Listen to whether the candidate has the potential for continued work at the company.



Has there been any time where you had to take the lead in a group setting to overcome an obstacle?

Purpose of the question: This question can be asked to gauge a candidate's problem-solving and collaborative skills.

What to listen for in candidate response: Top candidates would talk about their experience with working in a team environment.



Why do you want to work at our company as a SDE intern?

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 skills do you think are necessary for this job role?

Purpose of the question: Since software developers rely on a combination of technical knowledge and transferable skills to be successful. Therefore it is important for an applicant for this role to show the required skills.

What to listen for in candidate response: Look for evidence of the required skills for this job role.



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 SDE intern 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 SDE intern position, then they're obviously not a great fit.



Prepared and Curated by Xobin Team