

Cafe Bazaar Software Engineer Interview Guide

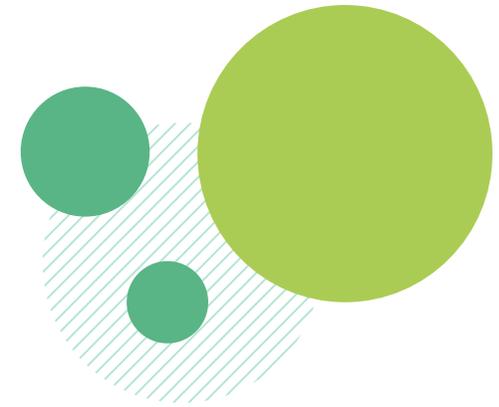
Software Engineer has a vital role at the high-technical level in our company. The designed interview process will be revised occasionally, but as an interviewee, it is recommended that you read this article to better understand the process. This article describes interview preparation from 2 points of view: general and technical.



General Preparation:

The hiring process may take about **2 months**. The post-interview wait will be no longer than **10 working** days after each stage. In order to be prepared for interviews and be able to handle job interview stress, it is best to consider these tips:

- Interviewees should prepare by researching the company in a detailed manner. Try to know our business, culture, etc. It helps to be familiar with our history, what we do, and our most recent events. Know more about us: [!\[\]\(746d018fdf6ab02bf5fb7681133e8b29_img.jpg\)](#) [!\[\]\(5daa6eee1904cb6b9d765700250de764_img.jpg\)](#) [!\[\]\(d72e437c7cc5947bc0b147aba6602563_img.jpg\)](#) [!\[\]\(0d2a89e6d0cbcd8e0459b972b9332401_img.jpg\)](#)
- Re-read the job description.
- It is advised to arrive 10 minutes earlier than the designated interview time. Check-in at the reception desk and wait in the lobby.



- Try to describe your motivation for applying for the position.
- If you have any concerns about the corporation or job responsibilities, ask the interviewer for clarification.
- Feel free to ask questions. If you don't understand something, ask for clarification. Listen to your interviewer's hints about how to find the right direction.
- Be prepared with examples of your work. During the interview, you will likely be asked about technical details and non-technical aspects of big projects you've been involved in. Be sure to include the value you added and the impact it made.

Interview Process:

We have defined different pipelines for the interview process and according to each resume, candidates will be classified into 2 categories: **senior** and **junior**. We expect our software engineers to have strong analytical and problem-solving skills. We will try our best to carry out your request in a pipeline where your chances of acceptance are significantly higher. The final evaluation of your performance will be done by our technical committee.

You could see the bigger picture of the interview process in the points below:

- Prepare to solve a simple whiteboard coding problem. Check [this](#) before the interview.
- Depending on the interviewee's technical skill level, we are going to evaluate your knowledge about **algorithm analysis** and **complexity** by discussing a simple question. If it is required, we are going to focus on your knowledge of algorithms and analytical skills at a further stage. Studying **data structures** and being familiar with various approaches of problem-solving and programming paradigms (e.g., object-orientation) could help you pass this stage. Know [more](#):
- We may ask about your **technical knowledge** in great detail, so you should be prepared to discuss the technologies you've used.

- We may bring up a dynamic problem that involves a set of practical complications based on common real-world data. Try to recognize components of the problem and simplify it. Analyzing the problem doesn't need any technical knowledge. Learn [more](#):
- We may discuss a technology-based problem involving the **design** and **implementation** of a system, adding features to a pre-designed system or similar projects during the interview. Use the facts you've been given to understand the problem and define its parameters. Depending on the interviewee's technical skill level, the difficulty of technology-based problems might be different. You may practice this by designing an application-based project before the interview. Know [more](#):



In conclusion, our interviews include knowledge of algorithms, technology-based questions, and an optimization problem. In this context, your ability to **implement a solution** is very important. You can find more necessary information about interview stages below:

Phone Interview:

The phone interview is the first stage in the whole process, and it could last for a maximum of an hour. At first, we will ask about your educational background, your work experience and other necessary information for collaboration. Make sure you are able to go into detail about everything on your **resume**; like why you have chosen to use certain technologies, processes, challenges, etc. To prepare for this interview, you should be fluent in any programming language for coding. You should also consider that if you were to join our team, you would be expected to **switch to our technology stack**.

On-Site Interview:

If your application advances the phone call interview, you will be required to have on-site interviews with our software engineers. The on-site interview usually consists of 3 or 4 stages. During each stage, we evaluate your analytical skills and technical knowledge. Try to structure your thoughts by writing them down. How you get to a solution is as important as the solution itself, so be prepared to explain the process and structure by which you reach conclusions. Your ability to evaluate and optimize your solution is important. We also consider how **readable**, **clean**, **production-ready** and **structured** your code is. Check [this](#) [chapter 1 to 5] to have a bigger picture on how to write clean code for the final interview.