By OnlineInterviewQuestions.com

Full Stack Developer Interview Questions

Full-stack development is one of the hardest to fit in technical jobs worldwide. Also, full-stack developers are in great demand in leading companies. It has a great future and they get numerous opportunities. Their salary too is phenomenally high. This means an individual can be hired only after undergoing a good quality check. Companies will be very concerned about hiring somebody for this job in particular.

Full-stack developers must be thorough about all front-end and back-end technicalities. Full-stack developer Interviews will be more technical and practical. They will require fluent communication skills and should be able to build strong relationships with fellow members. More than experience, extraordinary skills in knowing computer languages for coding also matter. So here are some essential **Full-stack Interview Questions & Answers**, answers, tips, advantages, and disadvantages to help you out.

Q1. Which is your personal favourite language?

Rather than explaining about one favourite, full stack developers are expected to tell about most of the languages they are aware of. Since full stack developers are well-versed with both front end and back end, telling about both languages is good. Also about some basic web languages like HTML, CSS and JavaScript. They can also tell why they like popular languages namely Python, MEAN, LAMP, Ruby on Rails and many more.

Q2. What role do you prefer, technical or managerial?

Full stack developers are capable of handling both technical and managerial roles depending upon their desire. In the technical field, they get to work on with various projects along with other team members. While in the managerial field they are able to lead projects with suggestions or ideas for betterment.

Q3. What is Continuous Integration?

Continuous Integration is using codes that are built and automated for testing or production. This allows developers to deploy codes easily during the time of production. Developers need to integrate a code every day during the building stage. Every code is checked automatically. After that, codes are deployed to production without human intervention. This can detect problems quickly and in many early stages.

Q4. How do you develop a successful Continuous Integration process?

Firstly, we must maintain an idea for the code of the project. Then we must automate the build which should be self-testing. Codes should be integrated by everyone on the build every day. The build must be quick and updated according to the requirements of the production. Finally, the deployment process should be automated. With these steps, Continuous Integration can be successful in detection problems and making production quick.

Q5. According to you which is the most important quality of a full stack developer?

Full stack developers should be good in organization skills, language, and technical skills, being open to suggestions, developing new programming strategies and staying updated.

Q6. How do you get know about the latest trends being a full stack developer?

As a full stack developer, one should stay updated with all the latest trends. We must test on new software every now and then. We must acquire new skills and this will exhibit full stack developers as passionate, knowledgeable individuals. Reading books, blogs, attending seminars can keep us updated.

Q7. Tell some of the latest trends that you came to know recently.

Some of the latest trends a full stack developer should know are about the recent introduction of more compatible extensions and about the improvements made in JavaScript programming. Today, there are several mobile applications, games and real-time applications being developed due to the Vue JavaScript Functional. Digital trends keep changing every day and for a full stack developer it is essential to be aware of most of them.

Q8. How did you debug a difficult program in any of your previous jobs?

Debugging is an extraordinary talent in full stack developers. As an individual, we can debug a difficult program with software skills. However, before debugging analysing the problem is very important. Understanding why it actually led to such a problem should be rectified from the next project. Also, joining with the team to debug issues can be a great way to overcome such issues.

Q9. In your career, has there been a time when you made a big mistake in programming? How did you compensate it later?

Sometimes flaws are common during a project. But it is the duty of a full stack developer to ensure that such things do not happen at all. If there was a mistake, then it would have been a big loss to the company. This will require advanced technical skills to rectify. Eventually, the developer learns how to rectify and compensates. Such incidents remain as good learning experiences in our career.

Q10. What is multi-threading and how is it used?

This is a full stack developer interview question that tests your computer architectural knowledge. Multi-threading is a process of improving the performance of CPU. This is done by executing multiple processes or threads that can be supported by the operating system.

Q11. What are your design patterns?

Full stack developers generally will be aware of basic design patterns like UI design, GUI design, UX design, prototype design and database working principles. They are compulsory for a full stack developer to excel in this field.

Q12. What is your current project that you are working on?

This displays the coding knowledge of a full stack developer. One has to constantly work with projects and write codes to master the job. Web designing is a great way to improve the skills of full stack developers. Web development is what most companies expect in full stack developers too. Telling about the recent personal projects and their scopes can help to answer this question.

Q13. What is referential transparency?

Referential transparency is an aspect of functional programming. This is used to replace expression in a program, without actually changing the final result of the program.

Q14. Explain about a website that you created and how you did it?

Full stack developers use a lot of tools for developing a project or website. The applicability of these tools should be comprehended well by the developers. Website development is the best way to understand them. Explaining about web designing tools for the front end and back end development is necessary.

Q15. What is an application server?

An application server allows both the creation of web applications and also a server environment to launch the application.

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