

# 1. Engineering Interview Questions

Giving an Interview is always a difficult task for many people. The interviewer will have a tricky question so that they can reveal the idea and skill that you can offer to their company. You should always provide a logical idea and explanation that will help you to get into the mind of the Interviewer.

There are mainly 6 branches of engineering which contain Electrical, Mechanical, Civil, Management, Geotechnical, and Chemical with various subcategories under each major branch of engineering such as Structural or Biomedical engineering.



## **a. General Questions**

The general questions will help you to express your experience and skills in a particular field. You can have a good impression in front of the interviewer you can share your hobbies and mindset that you can offer to the company/organization.

- a. What makes you unique?
- b. Are you able to multitask? Can you give me some examples?
- c. How would your colleagues describe you?
- d. How do you organize your typical day?
- e. What do you consider your strengths?
- f. How do you handle failure?
- g. How do you feel about constructive criticism?
- h. If you could go back five years in time, would you do anything differently?
- i. If I hire you, what is the first contribution you will make to the company?
- j. Have you ever been fired? If so, what happened?
- k. What are your interests and hobbies outside of work?
- l. What do you enjoy most about yourself?
- m. What do you consider your weaknesses?
- n. How much education do you have?
- o. Where do you see yourself in five years?
- p. Where do you see the company in five years?
- q. What do you do when you fail?
- r. How would your friends (family, coworkers, professors) describe you?
- s. What do you do when you fail?
- t. Tell me something interesting about yourself.
- u. How do you spend your free time.
- v. What would you do differently if you could redo the last five years?

## **b. Regular Engineering Interview Questions**

The engineering question that has chances that you can receive from the interviewer are mentioned below:

- a. What kind of education do you have?
- b. What do you like about the engineering field?
- c. What appeals to you about our company?
- d. What is your least favorite thing about engineering?
- e. What do you think makes a great engineer?
- f. How did you save it and what was the amount that you saved?
- g. What is the most important skill for an engineer?
- h. Why did you apply for this particular position?
- i. How do you motivate a team of engineers when a project is floundering?
- j. What do you enjoy most about being an engineer?
- k. What is the biggest challenge you have ever faced as an engineer?
- l. Do you have any security clearance to work on classified projects?
- m. Have you ever helped save money in previous jobs?
- n. What is the greatest success that you've had in engineering?
- o. Do you ever lose your temper while working? If so, how do you recover?
- p. Have you ever been unable to solve an engineering problem?
- q. What was your very first engineering design?
- r. What is your favorite CAD design software and why?
- s. Have you developed any new engineering skills recently?
- t. Tell me about an engineering problem you successfully solved that required outside-the-box thinking.
- u. What are the most important qualities for an engineer to have?
- v. Explain what makes an effective engineer in your eyes.
- w. Tell me about a recent engineering problem you solved.
- x. Have you ever made a big engineering mistake at work?

## **c. Hard Engineering Interview Questions**

The hard question that can trick you in an interview is listed below:

- a. What is your idea of having a successful team?
- b. Describe the steps you take when developing plans for a project.
- c. How do you handle surprises that arise when working on a project?
- d. What will be your biggest challenge in this position?
- e. Have you developed any new engineering skills in the past year?
- f. Who was your go-to person when you encountered a problem on a project that you couldn't solve alone? Why was that person your go-to person?
- g. If you weren't an engineer, what would you want to be doing instead?
- h. Describe a time when you had to work on a project with conflict involving professional interests. How did you solve the issue?
- i. Tell me about a time when you were successful in building a long-term working relationship with someone outside the engineering department.
- j. How do you deal with difficult coworkers/clients?
- k. Describe the most challenging written technical report or presentation that you've had to complete.
- l. Do you consider yourself to be a nice person?
- m. Are you an organized person?
- n. What checks and balances do you use to make sure that you don't make mistakes?
- o. What color describes you?
- p. Do you have any patents? If so, tell me about them. If not, is that something that you see yourself pursuing? Why or why not?
- q. Tell me about a time you solved a work conflict.
- r. How would you fire someone?