

# INTERVIEW PRACTICE

## COMMONLY ASKED MECHANICAL ENGINEER INTERVIEW QUESTIONS

Interviews can be nerve-racking. But taking the time to prepare and practice will help you feel more confident.

There are thousands of different questions that a Hiring Manager may ask you during an interview. Normally they are wanting to discover two things: do you have the experience or capabilities to do the role and will you fit in with the team?

Here are some technical questions that are commonly asked in interviews when applying for mechanical engineer positions. Remember to provide examples wherever possible to support your answer. In addition to these questions, it's a good idea to practice your answers to behavioural based questions as well.



- Why did you choose to study mechanical engineering?
- What was your very first design?
- What do you enjoy most and least about engineering?
- What new engineering skills have you recently developed?
- What is the top skill a mechanical engineer must have?
- What is your CAD system of choice? And Why?

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- Tell me about a time when a project or assignment didn't go as planned. How would you approach the situation differently in the future?
- What is the most creative thing you have done in your engineering?
- Which factors do you consider when developing a mechanical maintenance schedule?
- In your opinion, which performance optimization techniques are often overlooked?
- Have you worked on an engineering project that failed?
- What are the essential skills an engineer should possess?
- How would you handle another engineer disagreeing with your design in front of peers?
- What would be your dream engineering project, and why?
- How would you explain what you do as a mechanical engineer to a 10-year-old child?
- What is it that made you want to become a mechanical engineer?

## **Don't have an answer? It's ok!**

If you are asked a question about something you've not experienced before (or don't have an example to back up your answer), don't panic. It is okay to say "I haven't experienced that situation before. However, if that did occur I would handle it in this way...."

