

Structural Designer Interview Questions

1. Share an experience in which your ability to consider the costs or benefits of a potential action helped you choose the most appropriate action.

2. Share an experience in which inspecting marine equipment and machinery helped you to draw up effective work requests or job specifications.

3. Name a time when your advice to management led to an improvement in your company or otherwise helped your employer.

4. Provide an example of a time when you successfully organized a diverse group of people to accomplish a task.

5. Share an experience you had in dealing with a difficult person and how you handled the situation.

6. Share an experience in which you successfully shared a difficult piece of information. (Make sure that the candidate has open lines of communication.)

7. Share an experience in which you oversaw the assembly, fabrication, construction, maintenance, or modification of equipment. How did you communicate to the staff what you wanted?

8. Tell me how you organize, plan, and prioritize your work.

9. Share an experience when you applied new technology or information in your job. How did it help your company?

10. Give me an example of when you thought outside of the box. How did it help your employer?

11. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.

12. Would you consider analyzing data or information a strength? How so?

13. In your experience, what is the key to ensuring your company was compliant with all laws, regulations and standards that were applicable to your area of responsibility?

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14. Share an effective approach to working with a large amount of information/data. How has your approach affected your company?

15. Share an experience in which your diligence of inspecting equipment, structures, or materials helped you identify a problem or the cause of a problem.

16. Tell me about the last time you monitored or reviewed information and detected a problem. How did you respond?

17. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant?

18. Tell me about a time when your ability to analyze needs and product requirements helped you create an effective design or make an informed decision to benefit your company.

19. Share an experience in which your understanding of a current or upcoming problem helped your company to respond to the problem.

20. Name a time when you identified strengths and weaknesses of alternative solutions to problems. What was the impact?

21. Share a time when you successfully used scientific rules or methods to solve a problem at work.

22. What is the most challenging part of budgeting for you?

23. Provide an example when your ethics were tested.

24. Provide a time when you were able to identify a complex problem, evaluate the options, and implement a solution. How did the solution benefit your employer?

25. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the situation and outcome?

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26. Please share an experience in which you presented to a group. What was the situation and how did it go?

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27. Provide an experience that demonstrates your ability to manage time effectively. What were the challenges and results?

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28. How would you rate your writing skills? (Ask for an example that demonstrates great writing skills.)

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29. Provide an example of when you set expectations and monitored the performance of subordinates. What guidance and direction did you find most effective?

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30. In your experience, what is the key to developing a good team? (Look for how they build mutual trust, respect, and cooperation.)

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31. Share an example of when you went above and beyond the "call of duty". (Look for answers that show the candidate is dependable.)

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32. What are some long-range objectives that you developed in your last job? What did you do to achieve them?

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33. Tell me about the last time you oversaw the work of someone else. How did you effectively motivate, develop, and direct the worker(s)?

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34. Share an experience in which you successfully coordinated with others. How about a coordination effort that was not as successful?

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35. Share an experience in which your attention to detail and thoroughness had an impact on your last company.

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36. Share a time when you willingly took on additional responsibilities or challenges. How did you successfully meet all of the demands of these responsibilities? (Make sure the candidate is a self-starter and can demonstrate some initiative.)

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37. Share an experience in which your willingness to lead or offer an opinion helped your company.

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38. Share an experience in which you conducted a test of a product, service, or process and successfully improved the quality or performance.

39. Provide an example of when you were persistent in the face of obstacles.

40. Tell me about a time when you developed your own way of doing things or were self-motivated to finish an important task.

41. What have you found to be the best way to monitor the performance of your work and/or the work of others? Share a time when you had to take corrective action.

42. Describe an experience in which you identified the educational needs of your students and successfully developed a way to teach/train them.

43. Provide a time when you worked in a rapidly evolving workplace. How did you deal with the change? (Make sure the candidate is flexible.)

44. Name a time when your patience was tested. How did you keep your emotions in check?

45. How do you balance cooperation with others and independent thinking? Share an example. (Try to determine if the candidate has a cooperative attitude or is otherwise good-natured.)

46. Name a time when your creativity or alternative thinking solved a problem in your workplace.

47. Provide a time when you dealt calmly and effectively with a high-stress situation.

48. Describe an effective product or system layout, detailed drawing, and schematic which you prepared.

49. Share an example of when you established and accomplished a goal that was personally challenging. What helped you succeed?

50. Provide an experience in which you acted as a liaison between a ships' captains and shore personnel. What methods made you successful?

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51. Provide a time when you successfully designed and/or directed testing, installation, and repair of marine equipment.

52. Provide an experience in which you conducted a study which helped you to develop an effective product design.

53. Share an effective method you have used to ensure that ships comply with international regulations and standards for life saving equipment and pollution preventative. Share an experience.

54. Share an experience in which you successfully prepared plans, estimates, and schedules. What factors did you consider in your preparation?

55. How do you stay fit in order to perform physical activities that are required in the workplace?

56. Describe a time when you successfully persuaded another person to change his/her way of thinking or behavior.

57. Describe an effective method you have used to ensure that tests on machinery comply with standards.

58. What is the state of your technical reports? Name one thing you are trying to improve.

59. Share an experience in which you conducted successful environmental, operational, or performance tests on marine equipment.

60. Share an effective method you have used in coordinating activities with regulatory bodies to ensure repairs and alterations area at minimum cost.

61. Tell me about a time when you successfully determined the cause of an operating error at your company and solved the problem.

62. Please share an experience in which you successfully taught a difficult principle or concept. How were you able to be successful?

63. Provide a successful method you have used to maintain automatic controls and alarms systems.

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64. Provide an effective method you have used to ensure completion of work at minimum cost when working with contractors and/or clients.

65. What factors do you consider when evaluating the operation of marine equipment?

66. Provide an experience in which you were sensitive to someone's needs or feelings. How did your helpfulness affect your work environment?

67. Share an experience in which you accurately determined the feasibility of a product proposal by analyzing data.

68. Share an experience in which you successfully coordinated the repair of marine machinery for installation on vessels.

69. Tell me about an experience in which you successfully trained and supervised other engineer or crewmembers. What methods made you successful?

70. What factors do you consider when determining the conditions of a test?

71. What is the state of your records? What is one thing you are trying to improve?

72. What is the key to a successful budget?

73. Describe an experience in which your ability to work well with others and reconcile differences helped your company or employer. (Make sure the candidate knows how to negotiate.)

74. Share an experience in which you used new training skills, ideas, or a method to adapt to a new situation or improve an ongoing one. (Look for the candidate's ability to learn.)

75. Provide an effective method you have used to procure materials for the repair of marine equipment and machinery.

76. Tell me about a recent experience you've had working with your hands.

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77. Share an experience in which conferring with research personnel helped you to solve a difficult problem.
78. Describe an effective method you have used to review and compare work requests and to ensure that costs are economically sound.
79. Provide an example when you were able to prevent a problem because you foresaw the reaction of another person.
80. Provide an experience in which your ability to actively find ways to help people improved your company or your own work ethic.
81. What is the key to success when communicating with the public.
82. Share an experience in which personal connections to coworkers or others helped you to be successful in your work. (Make sure candidate works well with others.)
83. Share an experience in which you've successfully learned how to handle a new piece of equipment?
84. Share an experience in which you were able to generate a new design or modify a current design to better serve the needs of your customers.
85. Please share with me an example of how you helped coach or mentor someone. What improvements did you see in the person's knowledge or skills?
86. Describe a time when you successfully serviced, repaired, or tested a machine or device that operates mainly by mechanical principles.
87. Describe an experience in which you successfully controlled the operation of a difficult system. What made you successful?
88. Describe a time when you successfully provided personal assistance to a coworker or patron.
89. Tell me about your qualifications for and your experience handling vehicles and/or mechanized

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equipment.