

Interview

Elon Musk



middle+



nasales@tesla.com

Evaluation

- 1 - Doesn't have theoretical and practical skills in this area.
- 2 - Has superficial theoretical or practical skills in this area.
- 3 - Has enough practice and superficial theoretical skills in this area.
- 4 - Has good theoretical and practice skills in this area.
- 5 - Has excellent theoretical and practice skills in this area.

Questions

JavaScript TypeScript React React Native Native Platforms
Communication Skills Test Tasks



JavaScript (15 min)

- 1) What is hoisting? **Mark:** / 5
- 2) What is IIFE, what is the use of it? **Mark:** / 5
- 3) What is the difference between passing a variable by value and by reference? **Mark:** / 5
- 4) What are promises? **Mark:** / 5
- 5) What is async/await and how it works? **Mark:** / 5
- 6) What are generators? **Mark:** / 5
- 7) How to use timers in JavaScript? **Mark:** / 5

TypeScript (10 min)

- 1) What are the benefits of using TypeScript? **Mark:** / 5
- 2) List out the built-in data types in TypeScript. **Mark:** / 5
- 3) What are generics in TypeScript? **Mark:** / 5
- 4) What is the difference between interface and type statements? **Mark:** / 5

React (20 min)

- 1) What is the difference between Real DOM and Virtual DOM? **Mark:** / 5
- 2) What is the difference between state and props? **Mark:** / 5
- 3) What is the difference between Redux and Mobx? **Mark:** / 5
- 4) What is observable? **Mark:** / 5
- 5) What are actions? **Mark:** / 5
- 6) What are computends? **Mark:** / 5
- 7) What is useEffect hook? **Mark:** / 5
- 8) What is useMemo hook? **Mark:** / 5
- 9) What is useCallback hook? **Mark:** / 5
- 10) What are fragments? **Mark:** / 5

React Native (20 min)

- 1) What are the benefits of React Native? **Mark:** / 5
- 2) What is the last version of React Native? **Mark:** / 5
- 3) What important things were added in the last release of React Native? **Mark:** / 5
- 4) What are the core UI components of React Native? **Mark:** / 5
- 5) Describe the flexbox approach. **Mark:** / 5
- 6) Have you ever faced performance issues? How did you resolve them? **Mark:** / 5

7) How many threads does the React Native application work in? **Mark:** / 5

Native Platforms (10 min)

- 1) Have you ever published apps to App Store? Describe the process. **Mark:** / 5
- 2) Describe how to create certifications and provision profiles on iOS. **Mark:** / 5
- 3) Have you ever published apps to Play Market? Describe the process. **Mark:** / 5

Communication Skills (10 min)

- 1) Have you ever done estimations? Describe this process. **Mark:** / 5
- 2) Describe the project management systems you worked with. **Mark:** / 5
- 3) Describe the git-flows you worked with. **Mark:** / 5
- 4) What code editor or IDE do you prefer? **Mark:** / 5
- 5) Name the main aspects of application development in your opinion. **Mark:** / 5

Test Tasks (5 min)

- 1) Fill the array with the first 10 numbers of the Fibonacci series. **Mark:** / 5

17.04.2021