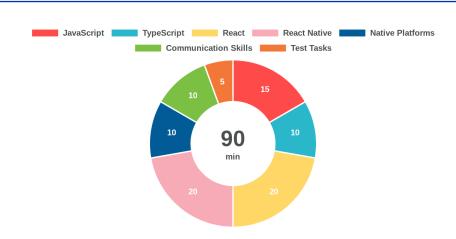# Interview

Elon Musk

👤 **middle+**
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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 (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

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