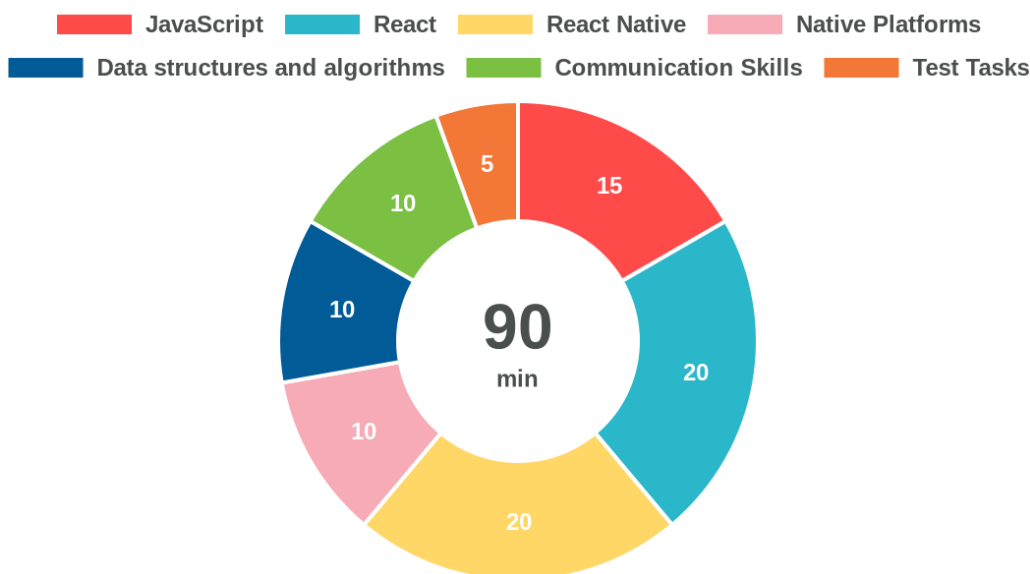


Ivan Ivanov
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Supposed level: middle+



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 IIFE, what is the use of it? **Mark: / 5**
- 2) What's the difference between var, let, and const keywords? **Mark: / 5**
- 3) What is object destructuring? **Mark: / 5**
- 4) What is callback function? **Mark: / 5**
- 5) What are promises? **Mark: / 5**

- 6) What is async/await and how it works? **Mark: / 5**
7) What are generators? **Mark: / 5**

React (20 min)

- 1) What is the difference between Real DOM and Virtual DOM? **Mark: / 5**
2) What is JSX? **Mark: / 5**
3) What is key prop and what is the benefit of using it in arrays of elements? **Mark: / 5**
4) What are stateless components? **Mark: / 5**
5) What are stateful components? **Mark: / 5**
6) What is useState hook? **Mark: / 5**
7) What is useEffect hook? **Mark: / 5**
8) What is useReducer hook? **Mark: / 5**
9) What is useMemo hook? **Mark: / 5**
10) What is useCallback hook? **Mark: / 5**

React Native (20 min)

- 1) What are the benefits of React Native? **Mark: / 5**
2) What are the drawbacks of React Native? **Mark: / 5**
3) How to boost the performance of lists in React Native? **Mark: / 5**
4) Describe the flexbox approach. **Mark: / 5**
5) Have you ever supported multi-language apps? Describe the approach you used.
Mark: / 5
6) What libraries for navigation did you use? Describe your experience. **Mark: / 5**
7) Describe the flow of the React Native bridge. **Mark: / 5**

Native Platforms (10 min)

- 1) Describe how to create certifications and provision profiles on iOS. **Mark: / 5**
2) How to create a Splash Screen on iOS? **Mark: / 5**
3) What are permissions on Android? What types does Android have? **Mark: / 5**

Data structures and algorithms (10 min)

- 1) What is Array? **Mark: / 5**
2) What is Map? **Mark: / 5**
3) What is Set? **Mark: / 5**

Communication Skills (10 min)

- 1) Have you ever done estimations? Describe this process. **Mark: / 5**
2) Describe the git-flows you worked with. **Mark: / 5**
3) What cloud code repositories did you work with? **Mark: / 5**
4) Describe your biggest challenge through the development career. **Mark: / 5**

5) Name the main aspects of application development in your opinion. **Mark:** / 5

Test Tasks (5 min)

1) Implement a memoization helper function. **Mark:** / 5