Ivan Ivanov
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Supposed level: middle+

RISEAPPS

JavaScript   React   React Native   Native Platforms
Data structures and algorithms   Communication Skills   Test Tasks
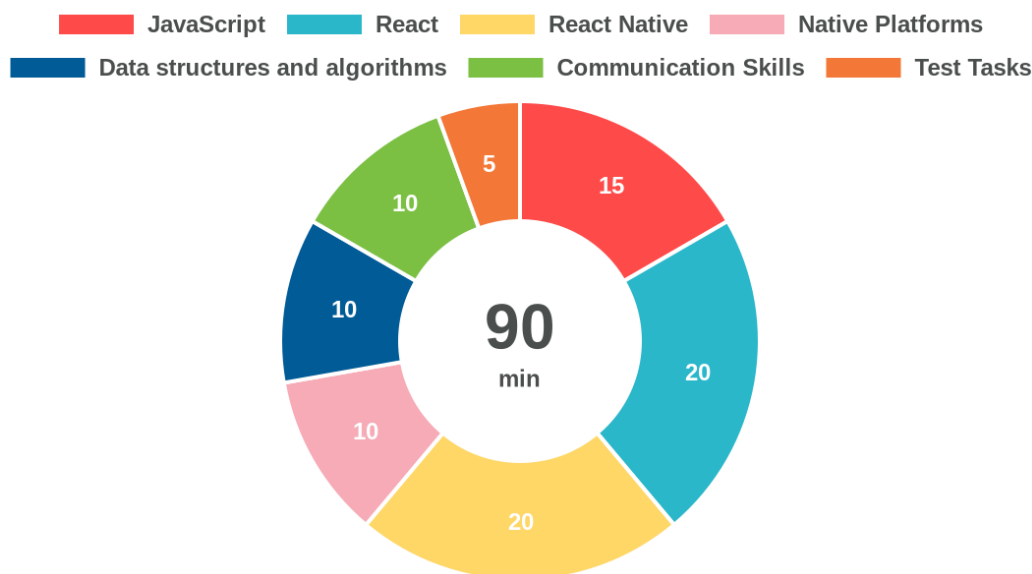
Evaluation
1 - Doesn't have theoretical and practical skills in this area.
2 - Has superficial theoretical or practical skills in this area.
3 - Has enough practice and superficial theoretical skills in this area.
4 - Has good theoretical and practice skills in this area.
5 - Has excellent theoretical and practice skills in this area.

Questions

JavaScript (15 min)
1) What is hoisting?   **Mark: ___ / 5**
2) What would be the result of $2 + 5 + "3"$?   **Mark: ___ / 5**
3) What is IIFE, what is the use of it?   **Mark: ___ / 5**
4) What's the difference between var, let, and const keywords?   **Mark: ___ / 5**
5) What are arrow functions?   **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 reconciliation?   **Mark: __ / 5**
2) What is JSX?   **Mark: __ / 5**
3) What are stateless components?   **Mark: __ / 5**
4) What are reducers in Redux?   **Mark: __ / 5**
5) What are actions in Redux?   **Mark: __ / 5**
6) What are middlewares in Redux?   **Mark: __ / 5**
7) What are React hooks?   **Mark: __ / 5**
8) What is useEffect hook?   **Mark: __ / 5**
9) What is useReducer hook?   **Mark: __ / 5**
10) What is useMemo hook?   **Mark: __ / 5**

React Native (20 min)
1) What are the benefits of React Native?   **Mark: __ / 5**
2) What are the core UI components of React Native?   **Mark: __ / 5**
3) Describe the flexbox approach.   **Mark: __ / 5**
4) Have you ever developed native modules? Describe your experience.   **Mark: __ / 5**
5) What libraries for navigation did you use? Describe your experience.   **Mark: __ / 5**
6) How many threads does the React Native application work in?   **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) How to create a Splash Screen on Android?   **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 project management systems you worked with.   **Mark: __ / 5**
3) What is Scrum?   **Mark: __ / 5**
4) What cloud code repositories did you work with?   **Mark: __ / 5**
5) Describe your biggest challenge through the development career.   **Mark: __ / 5**

Test Tasks (5 min)

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