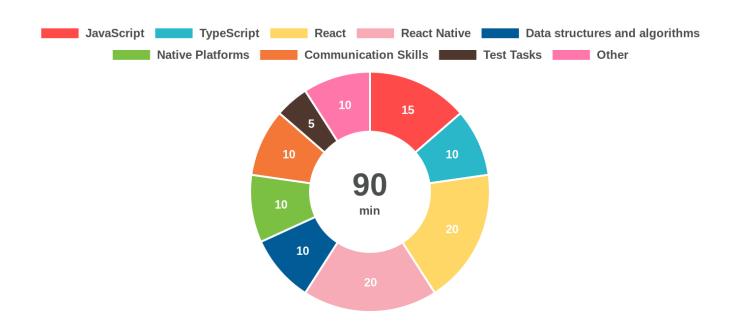
RISEAPPS

Candidate - Dmitry Usik (junior)



Questions:

JavaScript (15 min):

- 1) What is hoisting? Mark: __/5
- 2) What is scope? **Mark:** ___/**5**
- 3) What do &&, || and !! operators do? Mark: __/5
- 4) What would be the result of 2 + 5 + 3? Mark: /5
- 5) What is the value of this in JavaScript? Mark: __/5
- 6) What is the difference between implicit and explicit coercion? Mark: __/5
- 7) What is NaN and how to check if a value is NaN? Mark: __/5

TypeScript (10 min):

- 1) What are the object-oriented terms supported by TypeScript? Mark: __/5
- 2) What are the access modifiers supported by TypeScript? Mark: __/5
- 3) Does TypeScript support function overloading? Mark: __/5

4) Which keyword is used for inheritance in TypeScript? Mark:/5
React (20 min): 1) What is children prop? Mark:/5 2) How to loop inside JSX? Mark:/5 3) How to use connect from react-redux? Mark:/5 4) What are middlewares in Redux? Mark:/5 5) Describe how to work with redux-thunk. Mark:/5 6) What is the difference between Redux and Mobx? Mark:/5 7) What are reactions? Mark:/5 8) What tools for Mobx debugging do you know? Mark:/5 9) What is useState hook? Mark:/5 10) What is useMemo hook? Mark:/5
React Native (20 min): 1) What ways to work with platform-specific code do you know in React Native? Mark:/5 2) Have you ever had trouble while updating React Native to the next version? Mark:/5 3) How to boost the performance for images? Mark:/5 4) Have you ever developed native modules? Describe your experience. Mark:/5 5) What libraries for navigation did you use? Describe your expience. 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
Data structures and algorithms (10 min): 1) What is Set? Mark:/5 2) What is Stack? Mark:/5 3) What is Queue? Mark:/5 Native Platforms (10 min): 1) How to create a Splash Screen on iOS? Mark:/5 2) What is AppDelegate.m? Mark:/5
3) How to add the app icon on iOS? Mark:/5 Communication Skills (10 min): 1) Describe the project management systems you worked with. Mark:/5 2) What is Scrum? Mark:/5 3) How many OS did you work with? Mark:/5 4) What code editor or IDE do you prefer? Mark:/5 5) What cloud code repositories did you work with? Mark:/5

	Test	Tasks ((5	min'):
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1) Create a function that takes two arguments: the final price and the discount percentage as integers and returns the final price after the discount. Mark: __/5

Other (10 min):

- 1) Describe the OOP approach? Mark: __/5
- 2) Describe the Factory Method design pattern. Mark: __/5
- 3) What but-tracking systems have you worked with? Mark: __/5