Candidate Interview Report

Candidate: Kok Lukas

Experience Level: Senior

Technology: C#

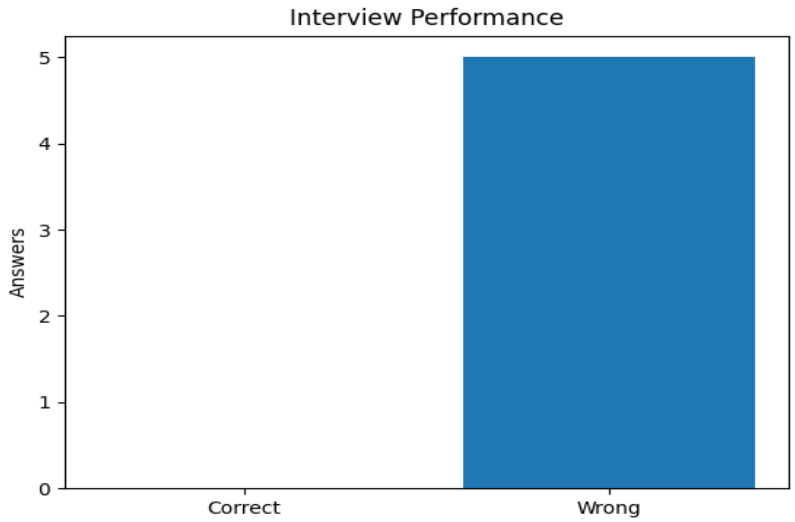
Final Result

Status: FAIL

Hire Recommendation: Reject

Interview Score

Score: 0 / 5 (0%)



Interview Feedback

Q: Explain the difference between a value type and a reference type in C#. How does the memory allocation differ for each?

A: csd sds

Score: 0

Feedback: The answer does not demonstrate any understanding of value and reference types or their memory allocation differences. Please provide a clear explanation differentiating them and how memory is allocated in each case.

Q: What are the main principles of Object-Oriented Programming (OOP) in C#, and how does C# support encapsulation?

A: ds da

Score: 0

Feedback: The answer does not address the question or demonstrate understanding of OOP principles or encapsulation in C#.

Q: Describe the purpose of async and await keywords in C#. How do they help in writing asynchronous code?

A: d sdsds

Score: 0

Feedback: The answer does not demonstrate any understanding of async and await keywords or their role in asynchronous programming. Please explain how these keywords are used to simplify writing asynchronous code in C#.

Q: What is the difference between an interface and an abstract class in C#? When would you choose one over the other?

A: sds sds

Score: 0

Feedback: The answer does not address the question or demonstrate any understanding of the difference between an interface and an abstract class in C#.

Q: How does garbage collection work in C#? What are some best practices to manage memory efficiently in a C# application?

A: sdsd ds

Score: 0

Feedback: The answer does not address the question. It lacks any explanation of how garbage collection works in C# or best practices for memory management.

Coding Challenge Result

Score: 0

Verdict: FAIL

Feedback:

The candidate did not provide any code for evaluation, which is a required part of solving the problem. To pass, the candidate should submit a valid C# implementation of the MaxProfit method that correctly computes the maximum profit from a single buy-sell transaction in O(n) time. Improvement would be to write the actual method, iterating through the array once, tracking the minimum price seen so far, and updating the maximum profit accordingly.