

# Nirmal Goswami's Quiz Assessment Report

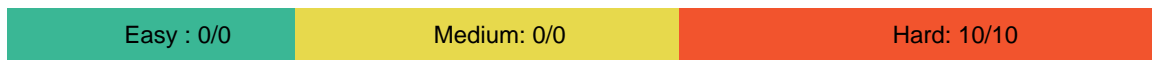
Score: 100%      Percentile: 100th

Rank: 87/47846

You're outperforming 70% of your peers. However, those in the top 13% are 19% more likely to become a Software Development . Improving your score by just 7% could boost your chances significantly. View your roadmap below to see how you can increase your chances!

[Show My Roadmap](#)[Scroll to Certificate](#)[Share on LinkedIn](#)

( Download Certificate on page 5 )



The bar above represents the difficulty of questions you faced, and the number you got correct in each category.

## Question Wise Breakdown

Q: Which of the following statements about Java's memory management is correct?

Your Answer (correct) : Java uses a garbage collector to handle memory deallocation automatically.

Q: In Java, which of the following is NOT a valid way to handle exceptions?

Your Answer (correct) : Using the catch-finally block without a try block.

Q: Design a function that finds the longest palindromic substring in a given string. Which of the following approaches is most efficient?

Your Answer (correct) : Manacher's algorithm with  $O(n)$  time complexity.

Q: You are given an array of integers. Design an algorithm to find the maximum sum of a contiguous subarray. Which approach is most efficient?

Your Answer (correct) : Kadane's algorithm with  $O(n)$  time complexity.

Q: Given a binary tree, write a function to determine if it is a valid binary search tree. Which of the following methods is the most efficient?

Your Answer (correct) : In-order traversal with  $O(n)$  time complexity.

Q: Consider the following code snippet. What will be the output if the function is executed?

Your Answer (correct) : The output will be 'HelloWorld'.

Q: What will be the output of the following code snippet?

Your Answer (correct) : 10

Worked with:   

# Nirmal Goswami's Roadmap to Becoming: A Software Development

Based on a thorough analysis of your assessment, this report highlights your Java expertise, identifies skill gaps, and outlines your current career prospects. Our mentor, Niket, an industry expert with 18 years of experience, has crafted a tailored roadmap considering your current Student/Recent Grad, designed to help you achieve your goal 3x faster.

## Performance Overview

You Scored : 100%

### Your Strong Points:

1. Strong grasp of Java basics
2. Correctly identifies algorithms
3. Understands memory management
4. Handles exceptions well

### Needs Improvement in:

1. Improve code optimization
2. Enhance problem-solving skills



A few companies out of the 1100+ where our certificate is recognised.

[Retake Assessment](#)

Based on your current performance your likelihood of getting hired by top companies is as follows :

27% chance at :

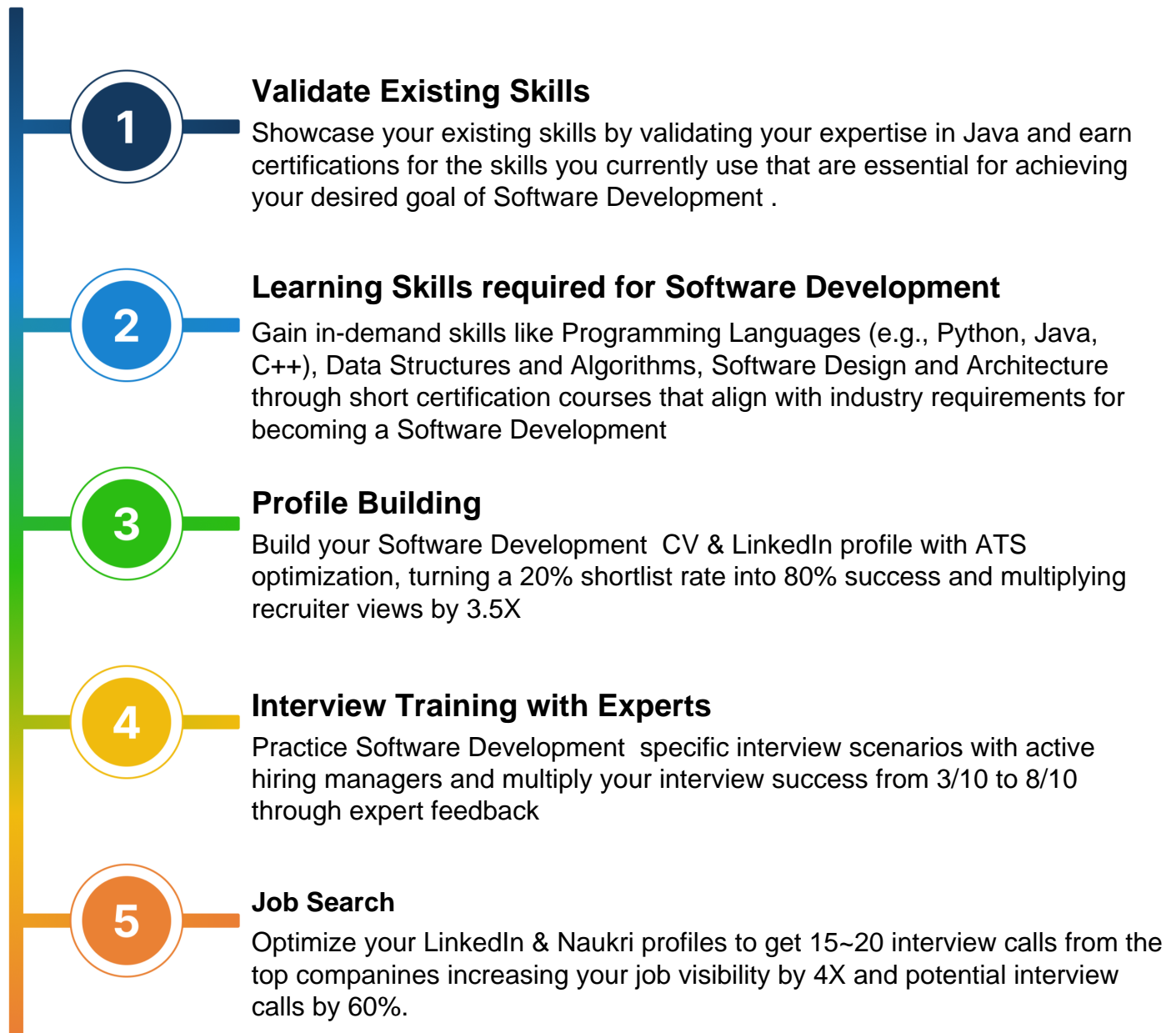


48% chance at :



\*This is based on 2024 market and company requirements for the role of Software Development

# Your 4-6 Week Roadmap to 100% Job Readiness as a Software Development

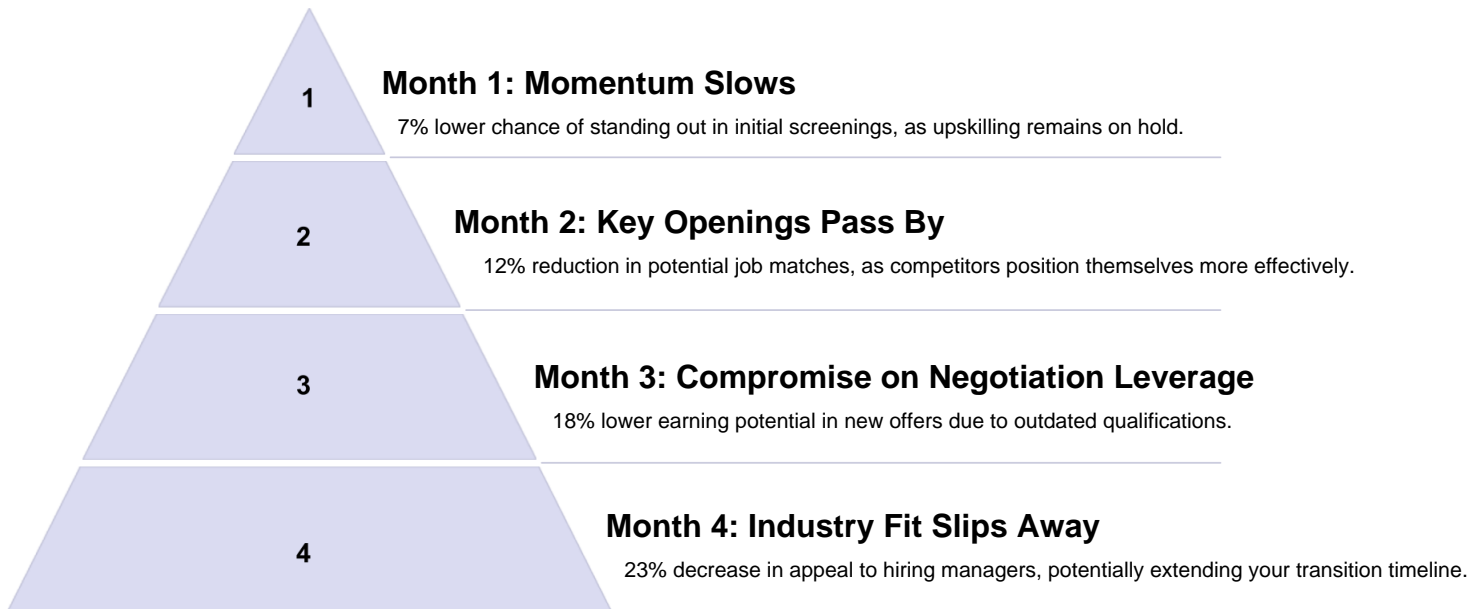
[Show My Roadmap](#)

Nirmal Goswami Ready to level up ? we have put together a complimentary roadmap that will make your journey to success effortless, helping you easily tick off each step and reach your goal. All you need to do is click the button above to get started!

# Still not sure if you should start now?

According to an article by LinkedIn posted in the year 2024, freshers without appropriate skills have 46% lesser job opportunities

**Below is a month of month representation of negative impact procrastination can cause.**



Feeling worried? No need to be—we've got you covered!

Chat with our mentor Niket right now and get a complimentary, custom learning plan tailored just for you.

**Simply click the link below to start the chat and take the first step towards your goals!**

[Get Mentor Guidance](#)



LearnTube  
by CareerNinja



# Certificate of Completion

This certificate is presented to

**Nirmal Goswami**

for successfully completing  
**Java Assessment**

*Shronit L*

*Gargi R.L.*

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**Shronit Ladhani & Gargi Ruparelia**  
**CO-FOUNDERS, LEARNTUBE**

Id: DJA-B-1-734096-0

Date: December 04, 2024

Get Yours/Verify Here:

