DSA Assignment

26 June, 2025
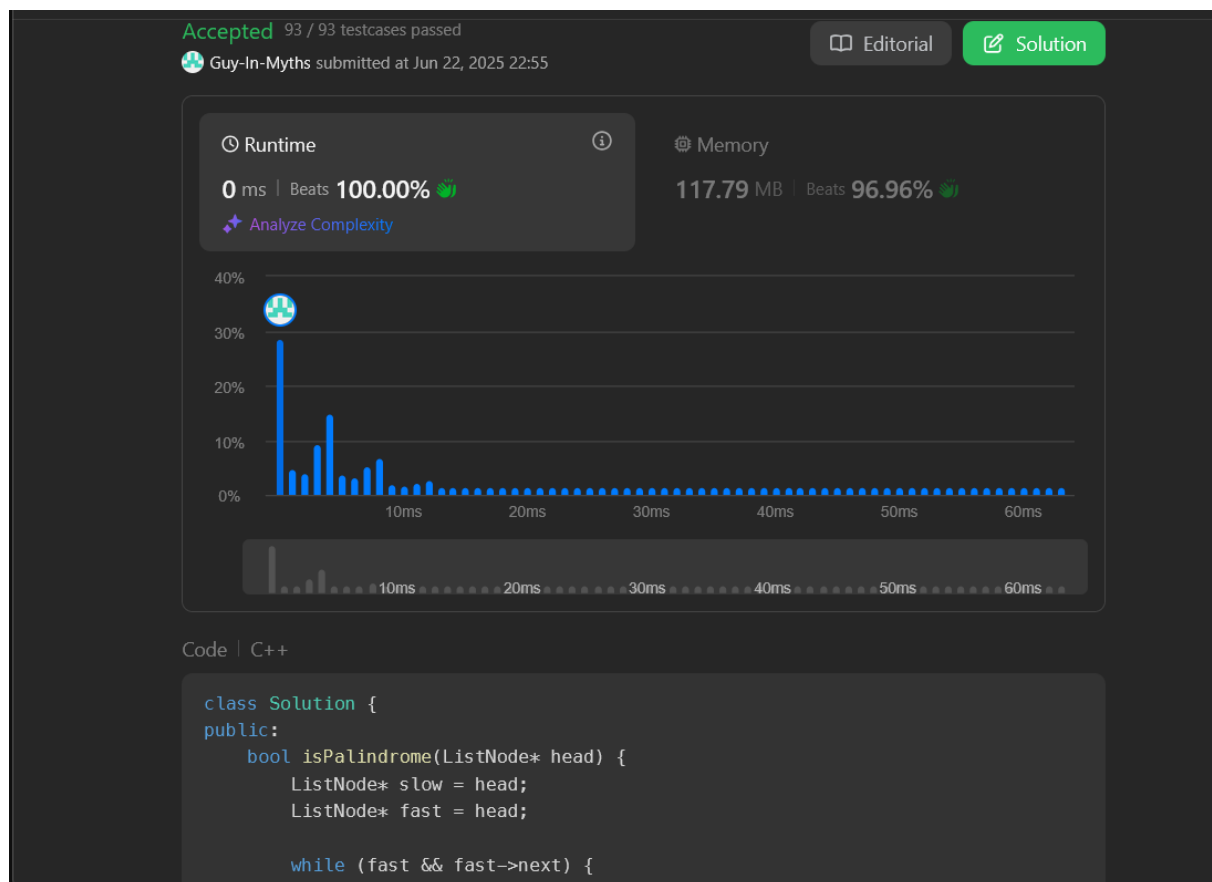
Name – Hemang Joshi
Roll no. -23/11/EE/042
LeetCode Id – Guy-In-Myths
GeekforGeeks - inhuman
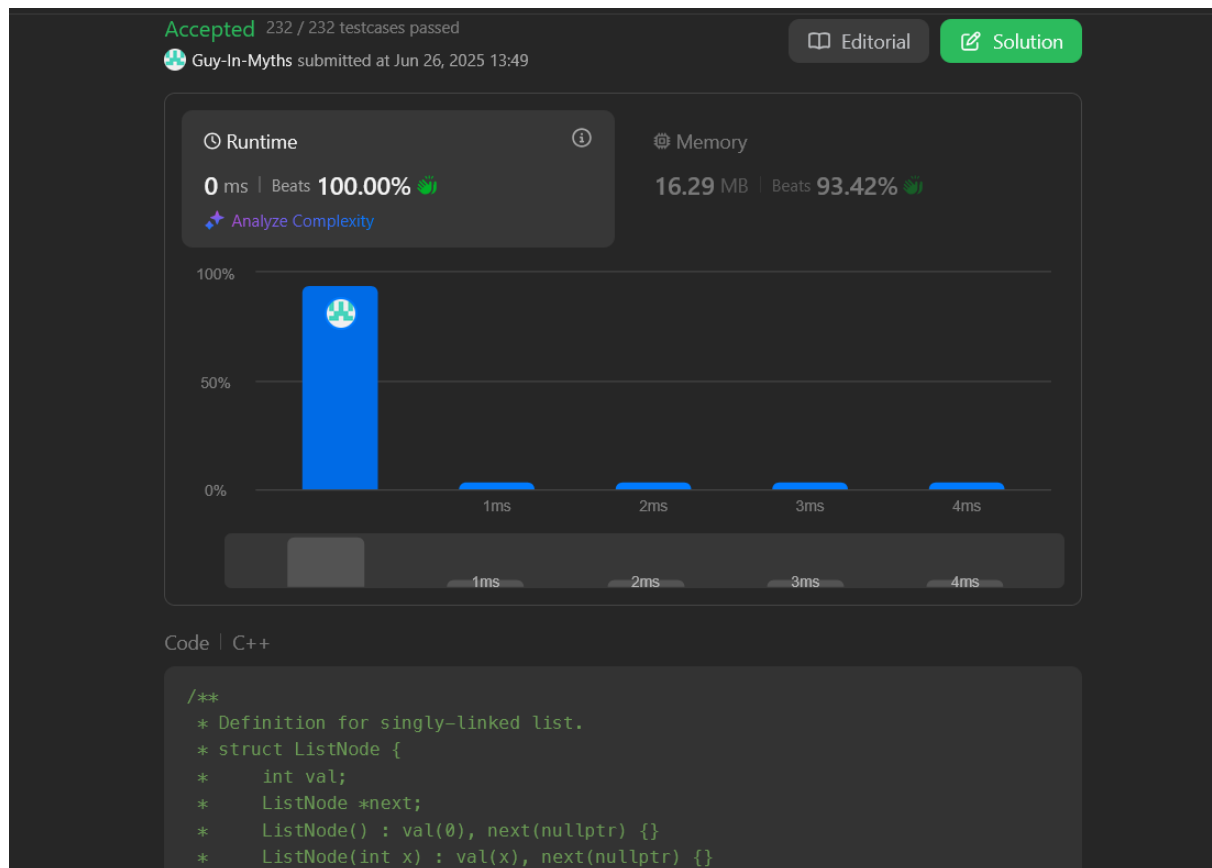**Github Repo Link - Inhuman-Jester/Job-Hunt**

1. Palindrome Linked List

○ Platform: LeetCode

○ https://leetcode.com/p roblems/palindrome-linked-list/description/

Accepted 93 / 93 testcases passed
Guy-In-Myths submitted at Jun 22, 2025 22:55

Editorial | Solution

🕐 Runtime

0 ms | Beats **100.00%** 👏
✦ Analyze Complexity

⚙ Memory

117.79 MB | Beats **96.96%** 👏

Code | C++

```cpp
class Solution {
public:
    bool isPalindrome(ListNode* head) {
        ListNode* slow = head;
        ListNode* fast = head;

        while (fast && fast->next) {
```

Question 2. Rotate List

○ Platform: LeetCode

○ https://leetcode.com/problems/rotate-list/description/

Accepted 232 / 232 testcases passed

Guy-In-Myths submitted at Jun 26, 2025 13:49

Editorial   Solution

Runtime
0 ms | Beats 100.00%
✦ Analyze Complexity

Memory
16.29 MB | Beats 93.42%

Code | C++

```cpp
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     ListNode *next;
 *     ListNode() : val(0), next(nullptr) {}
 *     ListNode(int x) : val(x), next(nullptr) {}
```

3. Magical String

○ Platform: LeetCode

○ https://leetcode.com/problems/magical-string/description//