DSA Assignment
21 June, 2025

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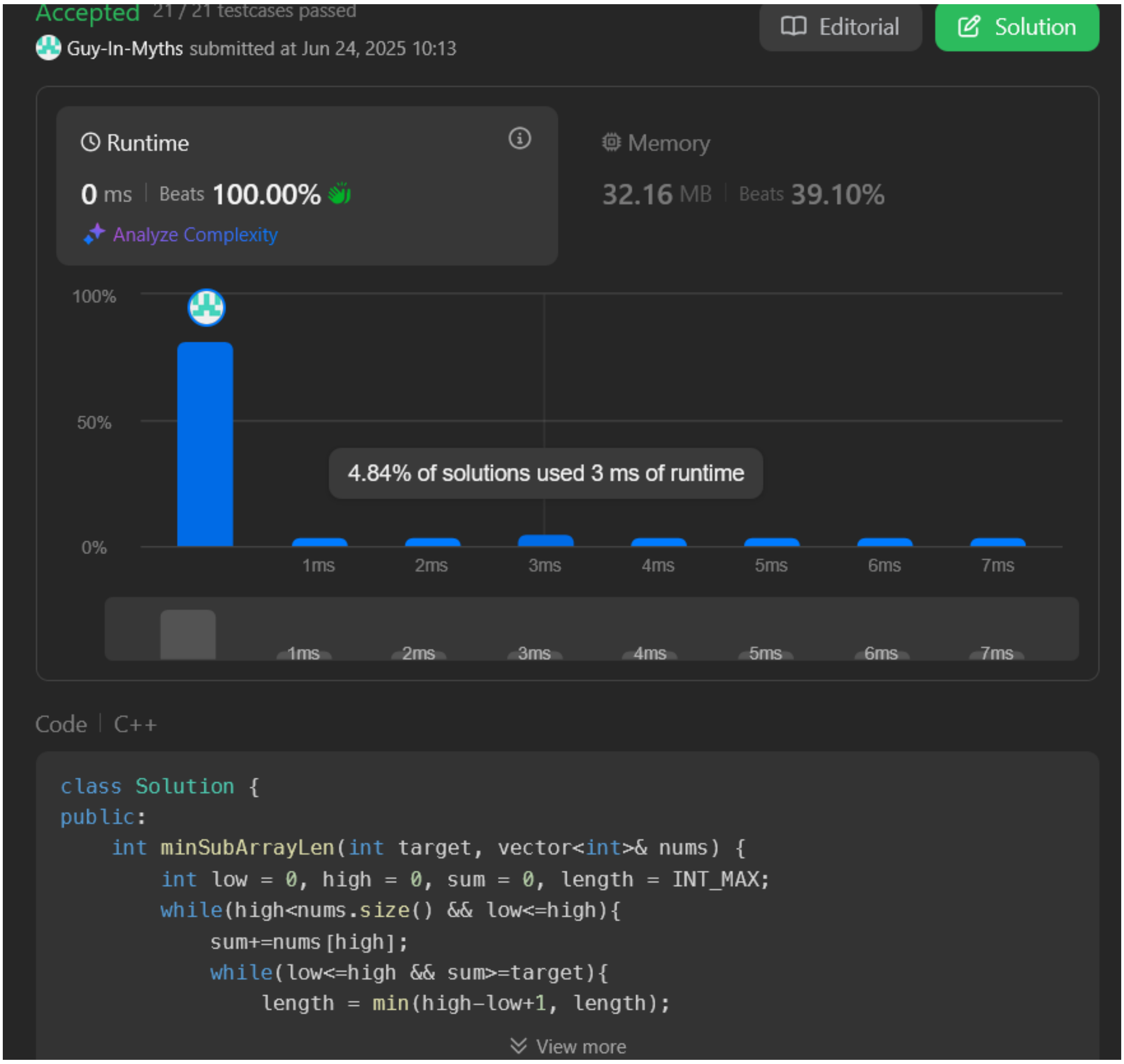
GeekforGeeks - inhuman
Github Repo Link - Inhuman-Jester/Job-Hunt

1. Minimize Size Subarray Sum

○ Platform: LeetCode

○ Link: https://leetcode.com/problems/minimum-size-subarray-sum/description/

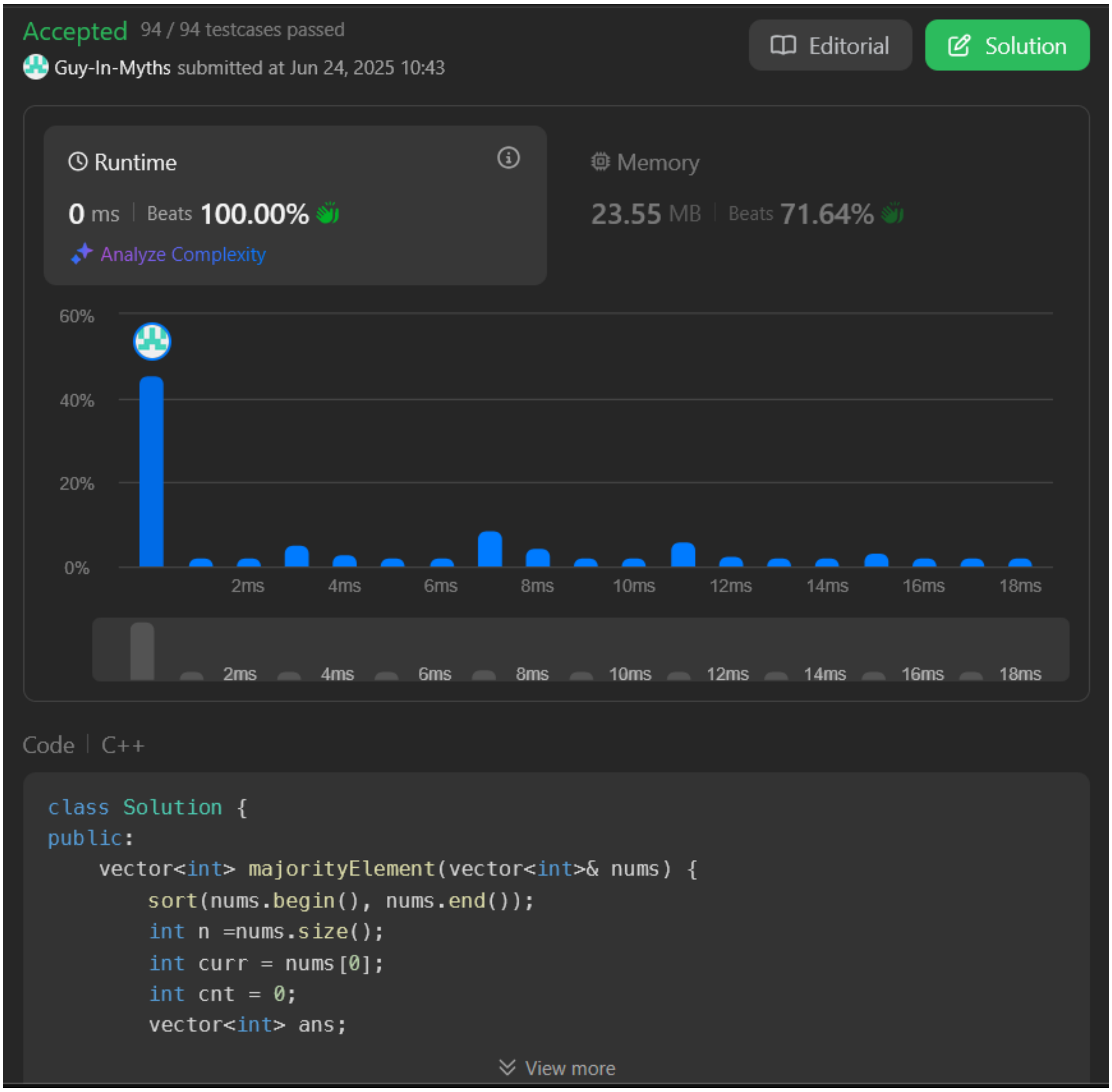


```
class Solution {
public:
    int minSubArrayLen(int target, vector<int>& nums) {
        int low = 0, high = 0, sum = 0, length = INT_MAX;
        while(high<nums.size() && low<=high){
            sum+=nums[high];
            while(low<=high && sum>=target){
                length = min(high-low+1, length);
```

Question 2: Majority Element II

○ Platform: LeetCode

○ Link: https://leetcode.com/problems/majority-element-ii/



Accepted 94 / 94 testcases passed

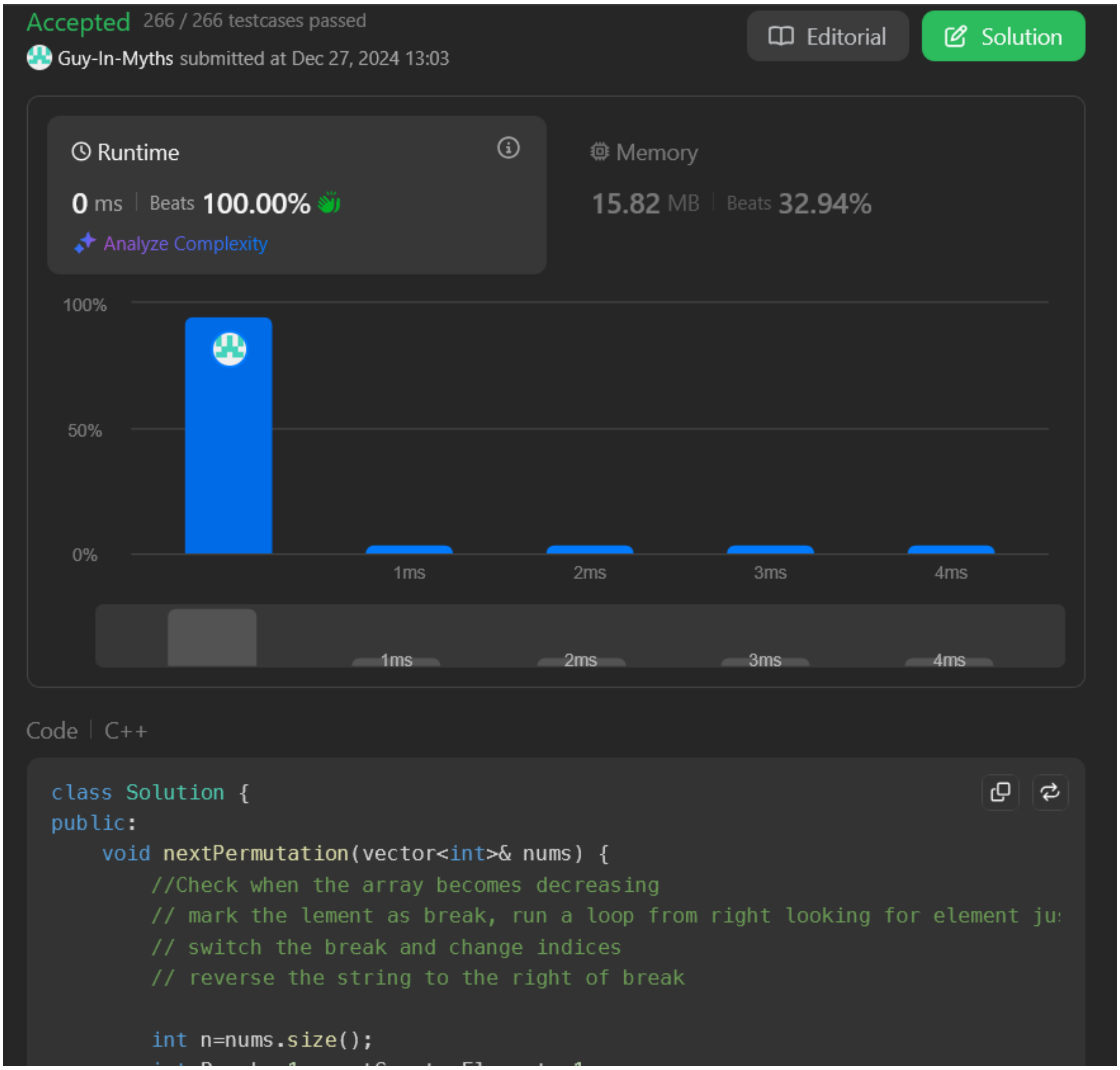
Guy-In-Myths submitted at Jun 24, 2025 10:43

```
class Solution {
public:
    vector<int> majorityElement(vector<int>& nums) {
        sort(nums.begin(), nums.end());
        int n =nums.size();
        int curr = nums[0];
        int cnt = 0;
        vector<int> ans;
```

3. Next Permutation

○ Platform: LeetCode

○ Link:https://leetcode.com/pro blems/next-permutation/description/



Accepted 266 / 266 testcases passed

Guy-In-Myths submitted at Dec 27, 2024 13:03

Runtime

0 ms | Beats 100.00%

Memory

15.82 MB | Beats 32.94%

Code | C++

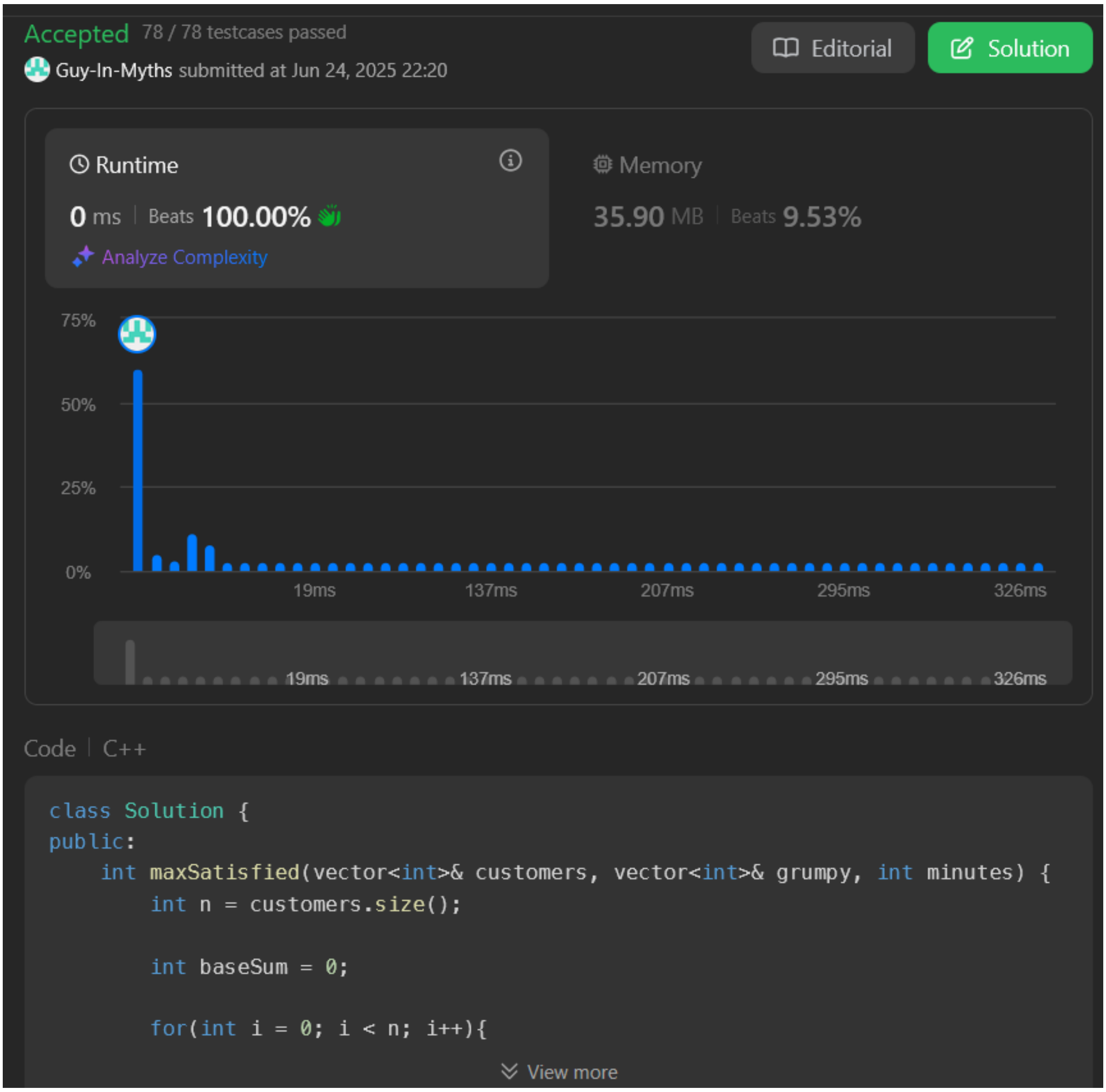
```
class Solution {
public:
    void nextPermutation(vector<int>& nums) {
        //Check when the array becomes decreasing
        // mark the lement as break, run a loop from right looking for element ju:
        // switch the break and change indices
        // reverse the string to the right of break

        int n=nums.size();
```

4. Grumpy Bookstore Owner

○ Platform: LeetCode

○ Link:https://leetcode.com/problems/grumpy-bookstore-owner/description/



Accepted 78 / 78 testcases passed

Guy-In-Myths submitted at Jun 24, 2025 22:20

Runtime

0 ms | Beats 100.00%

Memory

35.90 MB | Beats 9.53%

Code | C++

```
class Solution {
public:
    int maxSatisfied(vector<int>& customers, vector<int>& grumpy, int minutes) {
        int n = customers.size();

        int baseSum = 0;

        for(int i = 0; i < n; i++){
```