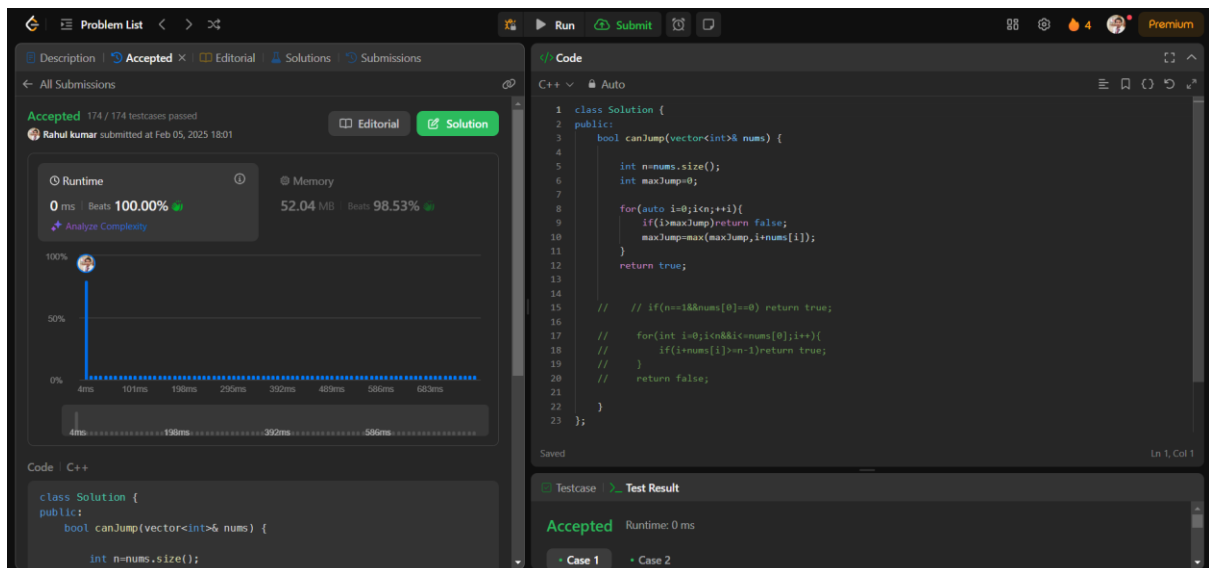


## 55. Jump Game

```
class Solution {  
  
public:  
  
    bool canJump(vector<int>& nums) {  
  
        int n=nums.size();  
  
        int maxJump=0;  
  
        for(auto i=0;i<n;++i){  
            if(i>maxJump)return false;  
            maxJump=max(maxJump,i+nums[i]);  
        }  
  
        return true;  
  
    }  
};
```



The screenshot displays a C++ code editor interface. On the left, a sidebar shows the problem list and a submission status of 'Accepted' for 174/174 test cases. The submission was made by 'Rahul kumar' on Feb 05, 2025 at 18:01. The performance metrics are: Runtime 0 ms (Beats 100.00%), Memory 52.04 MB (Beats 98.53%). A graph shows the runtime performance across different test cases. The main editor shows the C++ code for the 'canJump' function. The code is as follows:

```
class Solution {  
public:  
    bool canJump(vector<int>& nums) {  
        int n=nums.size();  
        int maxJump=0;  
  
        for(auto i=0;i<n;++i){  
            if(i>maxJump)return false;  
            maxJump=max(maxJump,i+nums[i]);  
        }  
  
        return true;  
    }  
};
```

The bottom right corner shows the 'Test Result' section, indicating 'Accepted' with a runtime of 0 ms. The code is saved and the editor is in C++ mode.