

## BIO-DATA

Name : Nalagatla Mourya Chakravarthy Chowdary  
D.O.B : 12-03-1998  
Time of Birth : 6.40 - 7.00 Pm  
Place of Birth : Nellore  
Height : 5'11  
Star : Pubba & 3-padam  
Rasi : Leo  
Birth Lagnam : Kanya Lagnam  
Gothram : ULLITLA  
  
Educational Qualifications : B.Tech(ECE) - Bharath University (Chennai)  
Job : Microsoft (33.5LPA + 17), Hyderabad

### Family Details

Father : Nalagatla Malyadri  
Occupation : Business  
  
Mother : Nalagatla Padma  
Occupation : House-wife  
  
Sibling : Nalagatla Sasikala  
Education : B.Tech(CSE) Audisankara Group of Institutions  
Job : MountBlue Technologies (Banglore)  
  
Native : Chinna Annaluru (V), Kaligiri(M),  
S.P.S.R Nellore(DT)

- Print matrix in spiral manner
- can place flowers in leetcode
- Pattern

n=3

1

2 2

3 3 3

- Salute counter
- Print words vertically
- Find second largest number
- Zigzag problem
- Jump Game 1 and 2
- Decode string
- Trapping rain water
- Gas station
- Number of ways to climb n stairs
- pairs of sum in array

<https://leetcode.com/problems/finding-pairs-with-a-certain-sum/>

<https://leetcode.com/problems/max-number-of-k-sum-pairs/>

- Pyramid pattern(numbers)

n=3

1

22

333

[https://www.naukri.com/code360/problems/star-triangle\\_6573671?utm\\_source=youtube&utm\\_medium=affiliate&utm\\_campaign=striver\\_patternproblems&leftPanelTabValue=PROBLEMS](https://www.naukri.com/code360/problems/star-triangle_6573671?utm_source=youtube&utm_medium=affiliate&utm_campaign=striver_patternproblems&leftPanelTabValue=PROBLEMS)

- Happy number

<https://leetcode.com/problems/happy-number/>

- group the strings that are anagrams of each other by sorting their characters .

<https://leetcode.com/problems/group-anagrams/>

- First question was on an array to find the max ele in every window of size K.

<https://leetcode.com/problems/sliding-window-maximum/>

- Alien dictionary - doubt

<https://takeuforward.org/data-structure/alien-dictionary-topological-sort-q-26/>

- Seating Arrangement without adj person(same as can flowers place)

- Check if the matrix is upper triangular or not

n=4

123

045

006

- Input - wor2ld hel1lo my3

Output - hello world my ( index is based on digit exist in word in given input)

- Coin change  
<https://leetcode.com/problems/coin-change/description/>

- Pattern n=3

1  
121  
12321

- Sum of left half == sum of right half

- Pattern n=3

33333  
222  
1  
22  
33333

- First occurrence of substring in string

- Concentric square n=3

33333  
32223  
32123  
32223  
33333

[https://www.naukri.com/code360/problems/ninja-and-the-number-pattern-i\\_6581959?utm\\_source=youtube&utm\\_medium=affiliate&utm\\_campaign=striver\\_patternproblems&leftPanelTabValue=PROBLEM](https://www.naukri.com/code360/problems/ninja-and-the-number-pattern-i_6581959?utm_source=youtube&utm_medium=affiliate&utm_campaign=striver_patternproblems&leftPanelTabValue=PROBLEM)

- Find the non-repeating characters in string

- a1b2c3 - abbccc
- abbccc - a1b2c3
- Candie distribution

<https://leetcode.com/problems/candy/description/>

- Rotate the matrix

- Find the max number of people can be seated where gap should be 2 seats between the placed one

Eg - [1,0,1,0,0,1,0,0,0] output -1

- Leetcode 696

<https://leetcode.com/problems/count-binary-substrings/description/>

- Print diagonal matrix

123  
456  
789

Output - 124753689

- Longest Increasing Subsequence

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