

# CA3 CSE111 Portfolio Krish Roy 12513836

B.tech CSE (Lovely Professional University)

# PORTFOLIO

ASSIGNMENT OF CSE111

(ORIENTATION TO COMPUTING-1)

**COMPUTER SCIENCE AND ENGINEERING**

Submitted by

**Name: Krish Roy**

**Registration number: 12513836**

**Roll No.: 46**

**Section: K25FD**

**Submitted to: Mr. Sushil Lekhi**



**L**OVELY  
**P**ROFESSIONAL  
**U**NIVERSITY

**LOVELY PROFESSIONAL UNIVERSITY**

# **DECLARATION**

I, Krish Roy, a student of Bachelor of Technology under CSE discipline at Lovely Professional University, Punjab, hereby declare that all the information furnished in this project report is based on my own work and is genuine

Krish Roy

Registration Number: 12513836

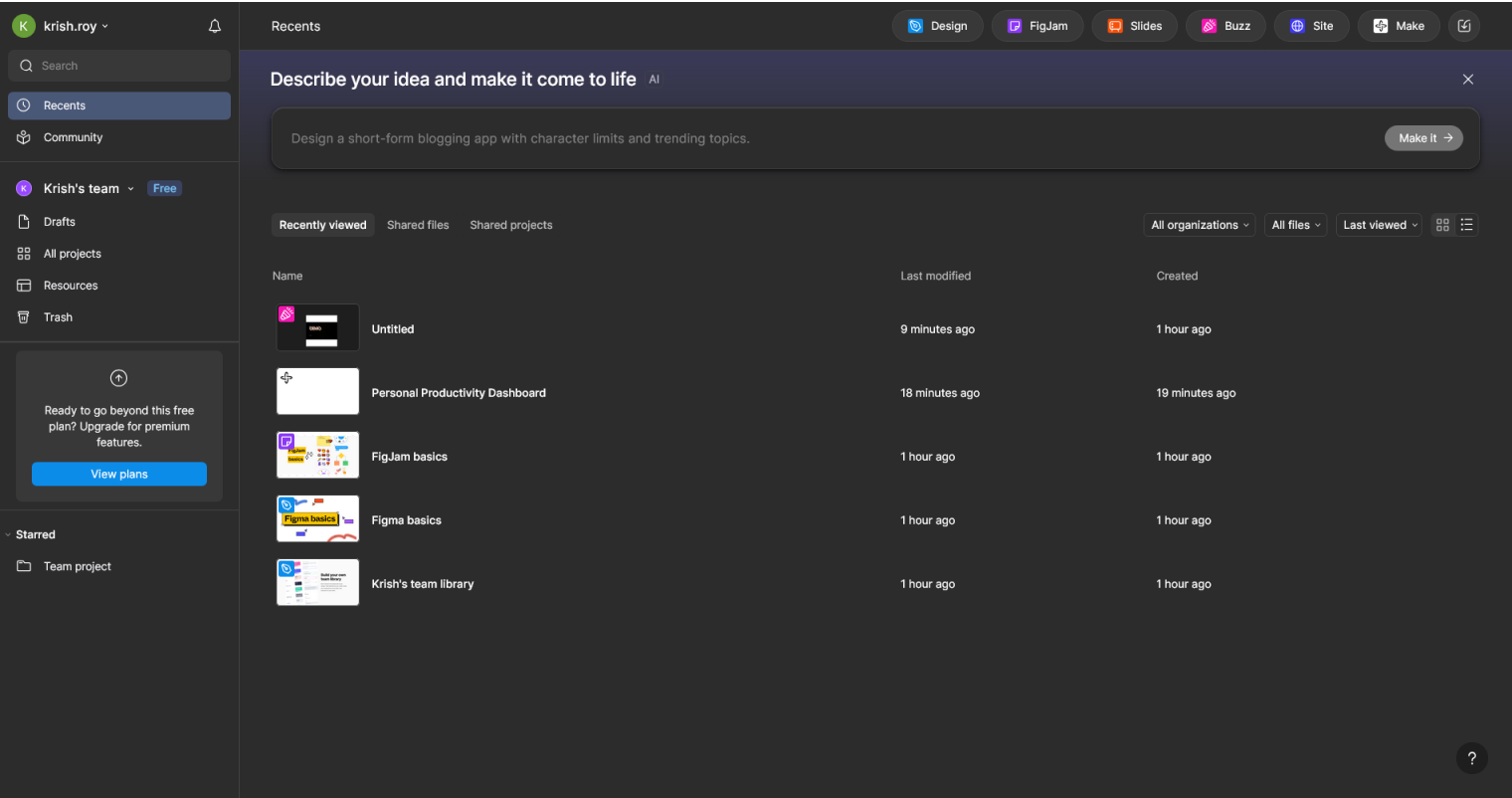
<b>Platforms for profile creation</b>	<b>Link to student profile</b>	<b>Item</b>
<b>Figma</b>	<a href="https://www.figma.com/files/team/1578474725384087261/recents-and-sharing/recently-viewed?fuid=1578474723388923718">https://www.figma.com/files/team/1578474725384087261/recents-and-sharing/recently-viewed?fuid=1578474723388923718</a> Project Work.	<b>1</b>
<b>Quora</b>	<a href="https://www.quora.com/profile/Krish-4811">https://www.quora.com/profile/Krish-4811</a>	<b>2</b>
<b>Stack overflow</b>	<a href="https://stackoverflow.com/users/31474212/krish-roy">https://stackoverflow.com/users/31474212/krish-roy</a>	<b>3</b>
<b>Hacker Rank</b>	<a href="https://www.hackerrank.com/profile/Krishroy5306">https://www.hackerrank.com/profile/Krishroy5306</a>	<b>4</b>
<b>Hacker Earth</b>	<a href="https://www.hackerearth.com/@krish.roy25">https://www.hackerearth.com/@krish.roy25</a>	<b>5</b>
<b>Geeks for Geeks</b>	<a href="https://www.geeksforgeeks.org/profile/user_mkznrk1go8p">https://www.geeksforgeeks.org/profile/user_mkznrk1go8p</a>	<b>6</b>
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/krish-roy-a7802a374/">https://www.linkedin.com/in/krish-roy-a7802a374/</a>	<b>7</b>
<b>Github</b>	<a href="https://github.com/Rev-Mist/Metaverse-Hackathon-25/settings/access?query=">https://github.com/Rev-Mist/Metaverse-Hackathon-25/settings/access?query=</a>	<b>8</b>
<b>Git</b>		<b>9</b>
<b>Leetcode</b>	<a href="https://leetcode.com/u/rev-mist/">https://leetcode.com/u/rev-mist/</a>	<b>10</b>
<b>CV</b>	<a href="https://github.com/Rev-Mist/CSE111_K25FD/blob/main/Portfolio.png">https://github.com/Rev-Mist/CSE111_K25FD/blob/main/Portfolio.png</a>	<b>11</b>

<b>MOOCS done</b>	1. <a href="https://lpu.tutorialspoint.com/curriculum">https://lpu.tutorialspoint.com/curriculum</a> 2. <a href="https://edutechhub.in/Leadership-Fundamental">https://edutechhub.in/Leadership-Fundamental</a>	<b>12</b>
<b>Technical MOOC Registration</b>	Registration link here. <a href="https://market.tutorialspoint.com/course/complete-and-ultimate-c-programming-course/index.asp">https://market.tutorialspoint.com/course/complete-and-ultimate-c-programming-course/index.asp</a>	<b>13</b>

# 1.FIGMA

## Profile:

### Figma internal profile with project

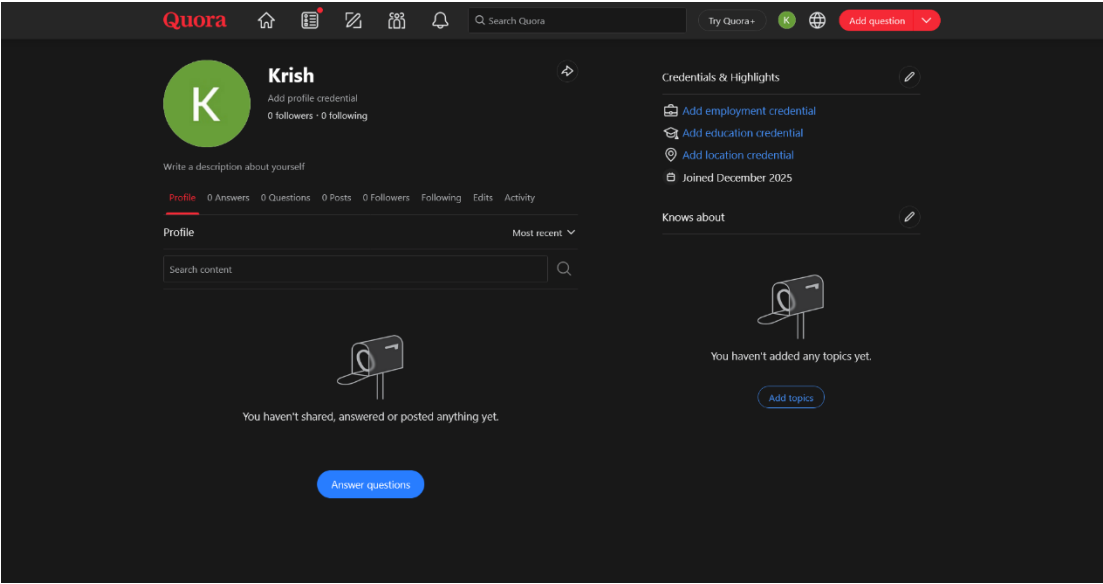


## Accomplishment



## 2. QUORA

### PROFILE AND ACCOMPLISHMENT:



## PROFILE:

Products

Home

NEW

Questions

AI Assist

Tags

Saves

Challenges

Chat

Articles

Users

Companies

COLLECTIVES

Communities for your favorite technologies. [Explore all Collectives](#)

STACK INTERNAL

Stack Overflow for Teams is now called **Stack Internal**. Bring the best of human thought and AI automation together at your work.

Try for free

Learn more

Krish Roy

Member for 2 months
Last seen this week
Visited 2 days, 1 consecutive

Profile

Activity

Saves

Settings

Summary

Answers

Questions

Tags

Articles

Badges

Following

Bounties

Reputation

All actions

Responses

Votes

Reputation is how the community thanks you

When users upvote your helpful posts, you'll earn reputation and unlock new privileges.

Learn more about [reputation](#) and [privileges](#)

Earn badges for helpful actions

Badges are bits of digital flair that you get when you participate in especially helpful ways.

Take the Tour and earn your first badge

IMPACT

~2 people reached
0 posts edited

1/15 - unlock flags

1/15 - unlock voting

Score

Activity

Newest

Views

0

How do I add the data of an html form...

24 secs ago

Tags

Score

Activity

Newest

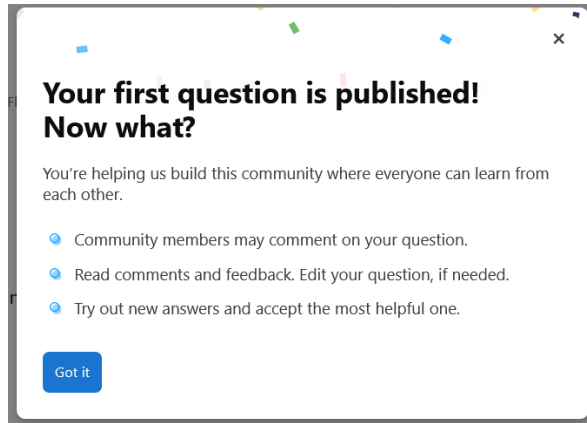
Answers

You have not answered any questions

Reputation

## Accomplishment:

## Raised a question



## Questions

Score

### Activity

Newest

## Views

0

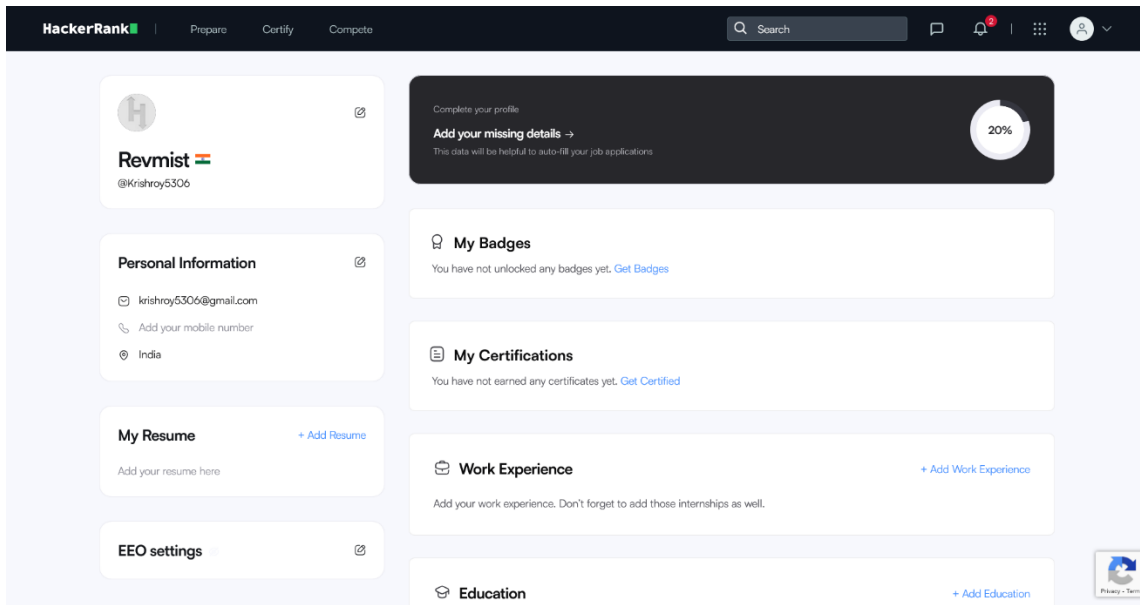
## How do I add the data of an html form...

24 secs ago



# 4. HACKER RANK

## Profile:



## Accomplishment:

# Solved a question in python.

**HackerRank** | Prepare > Software Engineer Prep Kit > Count Elements Greater Than Previous Average

Problem

Submissions

Discussions

Constraints

$0 \leq \text{responseTimes.length} \leq 1000$

$1 \leq \text{responseTimes}[i] \leq 10^9$  for  $0 \leq i < \text{responseTimes.length}$

Output Format

A single integer depicting the count of days.

Sample Input 0

0

Sample Output 0

0

Sample Input 1

1  
100

Sample Output 1

0

Language

Python 3

```
18 def countResponseTimeRegressions(responseTimes):
24     for i in range(1, len(responseTimes)):
25         avg = total / i
26         if responseTimes[i] > avg:
27             count += 1
28         total += responseTimes[i - 1]
29     return count
30
```

Ln 24, Col 43 • Autocomplete Specs: 4 Mode: Normal

Test Results

All Cases Custom

✓ All available test cases passed

✓ Test Case 1

✓ Test Case 2

Compiler Message

Success

Input (stdin)

1 0

Output (stdout)

1 0  
2

Expected Output

1 0

AI Tutor

Hey, I am an AI assistant.

I can help you with any questions that you have around this coding problem.

Feel free to select any of the prompts below, or ask a question of your own.

What is the input to the function?

Explain the problem statement

What are the concepts used to approach this problem?

Ask me any question

# 5.HACKER EARTH

## Profile:

The screenshot displays the HackerEarth user profile interface. On the left is a dark sidebar with the 'hackerearth' logo and a list of navigation items: Dashboard, Learn, Practice, AI Interviews, Mock Assessments, Compete, Leaderboard, Jobs, VibeCode Arena, and Profile (which is highlighted). At the bottom of the sidebar is a 'Support' link. The main content area has a dark background. At the top right, there is a notification bell and a circular profile picture placeholder. Below this is a large purple banner with a stylized tree graphic. Under the banner is a circular profile picture placeholder with a pencil icon. To the right of the profile picture are two buttons: 'Edit Info' and 'Edit Privacy'. Below these are two tabs: 'Python' (selected) and 'C'. A dashed box contains the text 'Tell us about yourself' with a pencil icon. Below this is a 'Personal info' section with a progress indicator showing '25%' and the text 'Complete your personal details'. There is a 'Skip' button. The section contains four input fields: 'Full name' (with a checkmark), 'Bio' (with a plus icon), 'Location' (with a plus icon), 'Gender' (with a plus icon), and 'Languages' (with a plus icon). Below the 'Personal info' section is a horizontal tab bar with the following tabs: 'Overview' (selected), 'Experience', 'Education', 'Portfolio', 'Performance', and 'Reward'. At the bottom of the page, there are four icons in a row: a diamond, a line graph, a checkmark, and a code symbol.

## Accomplishment:

Solved a problem in python.

Log ID: 123678352


✓ Accepted

ⓘ Refer judge environment




🏆 Score	🕒 Time	💾 Memory	🔗 Language
20	0.274s	17564KiB	Python 3.8

# 6. GEEKS FOR GEEKS


## Profile:



Courses ▾Tutorials ▾Practice ▾Jobs ▾



Explore > Profile





**Krish Roy**

Community Member

0 Followers • 0 Following

Edit Profile






Overview


Posts

Bookmarks


Complete your profile to let others know you better.

About Me 

Let others know more about you.

Experience - 0 Years 



Add your work experiences.

Qualifications 



Add about your education background.

Search Users



Top Experts

**Jay Dalsaniya** 



Prepbytes Technologies, Geeksfor...

**Aman Gupta** 

GeeksforGeeks


**Sachin Kr Shukla** 

Codecademy

**Bhavesh vaswani** 

Walmart Global Tech India, WalMart

View All

Top Offerings 

Mock Interviews

Resume Review

Career Guidance

Salary Negotiation

Coding Tutoring

Personal Branding

View All

# 7. LINKEDIN

## Profile:

**LinkedIn Profile Header:**

- Search bar: Search
- Navigation icons: Home, My Network, Jobs, Messaging, Notifications (20), Me, For Business, Try Premium for ₹0

**Profile Information:**

- Profile picture:** Circular image of Krish Roy.
- Background image:** Beach with waves.
- Name:** Krish Roy [Add verification badge](#)
- Education:** Student at Lovely Professional University (LPU)
- Location:** Patna, Bihar, India · [Contact info](#)
- Buttons:** Open to, Add profile section, Enhance profile, Resources

**Recruitment Promotions:**

- Show recruiters you're open to work — you control who sees this. [Get started](#)
- Share that you're hiring and attract qualified candidates. [Get started](#)

**Suggested for you:**

- Private to you
- Set up your profile in minutes with a resume. Upload a recent resume to fill out your profile with the help of AI.

**Right Sidebar:**

- Profile language:** English
- Public profile & URL:** [www.linkedin.com/in/krish-roy-a7802a374](https://www.linkedin.com/in/krish-roy-a7802a374)
- Who your viewers also viewed:** Private to you
  - Someone at Lovely Professional... [View](#)
  - Someone at Lovely Professional... [View](#)
  - Someone at Lovely Professional... [View](#)
  - Someone at Indian Institute of... [View](#)
- Messaging:** [Messaging](#)

# 8. GITHUB

## Profile:

The screenshot shows the GitHub profile of a user named 'Rev-Mist'. The profile includes a circular avatar with a teal cross-like design. The username 'Revmist' and the name 'Rev-Mist' are displayed below the avatar. A button labeled 'Edit profile' is visible. The profile shows '1 follower' and '0 following'. The 'Popular repositories' section lists four repositories: 'Hackathon', 'Metaverse-Hackathon-25', 'Inferverse-Hackathon', and 'CSE111\_K25FD', all marked as 'Public'. The 'Metaverse-Hackathon-25' repository is highlighted with a red dot and the language 'HTML'. The 'Contributions' section shows '35 contributions in the last year' with a calendar grid for 2024. The grid shows contributions in December, January, February, March, April, May, June, July, August, September, October, and November. A legend indicates 'Less' and 'More' contributions with green squares. The 'Contribution activity' section is partially visible at the bottom.

## Accomplishment:

**Created repositories for hackathon and hosted websites.**

The screenshot displays two GitHub repository pages side-by-side. The left page is for the 'Inferverse-hackathon' repository, showing the 'main' branch with a file named 'README.md' and a 'Code' button. The right page is for the 'Metaverse-Hackathon-25' repository, also showing the 'main' branch with a file named 'README.md' and a 'Code' button. Both repositories have a 'README.md' file and a 'Code' button. The 'Metaverse-Hackathon-25' repository also shows a 'Releases' section with a 'New release' button and a 'Contributors' section with a list of contributors.

# 9. GIT

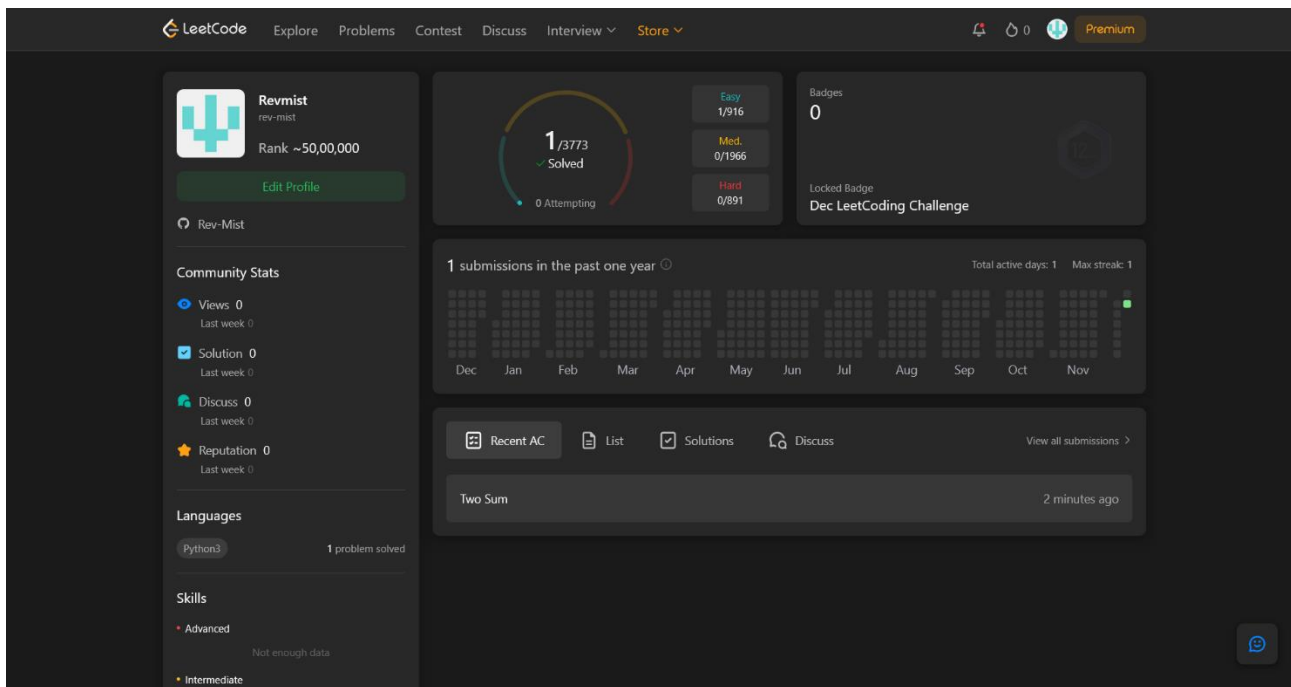
## Accomplishment:

**Created a repository and committed a file a in it.**

```
MINGW64:/c/Users/HP
HP@LAPTOP-L0BCHG4H MINGW64 ~ (master)
$ git config --global user.name {krish}
HP@LAPTOP-L0BCHG4H MINGW64 ~ (master)
$ git config --global user.email {krishroy3506@gmail.com}
HP@LAPTOP-L0BCHG4H MINGW64 ~ (master)
$ code
HP@LAPTOP-L0BCHG4H MINGW64 ~ (master)
$ git init
Reinitialized existing Git repository in C:/Users/HP/.git/
HP@LAPTOP-L0BCHG4H MINGW64 ~ (master)
```



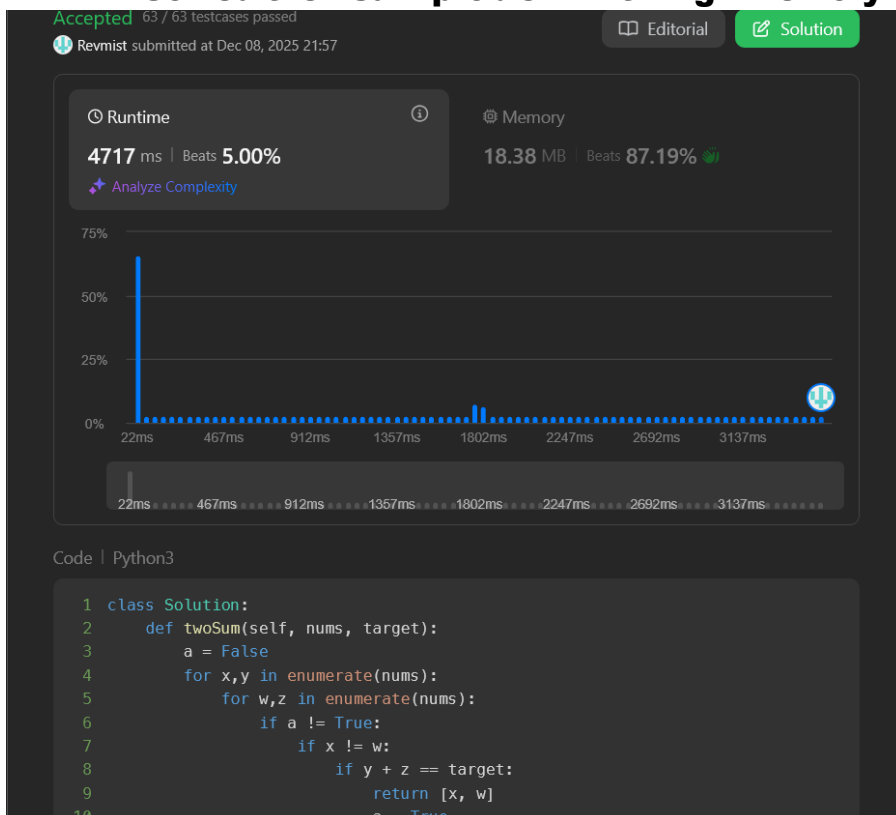
# 10. Leetcode



The image shows a LeetCode profile page for a user named 'Revmist'. The profile includes a rank of approximately 50,000,000 and a 'Premium' badge. The 'Community Stats' section shows 0 views, 0 solutions, 0 discussions, and 0 reputation. The 'Languages' section shows Python3 with 1 problem solved. The 'Skills' section shows 'Advanced' and 'Intermediate' skills. The 'Badges' section shows 0 badges. The 'Submissions' section shows 1 submission in the past year, with a total active days of 1 and a max streak of 1. The 'Recent AC' section shows a submission for the 'Two Sum' problem, solved 2 minutes ago.

## Accomplishments:

Solved the 2sum problem with high memory optimization



The image shows the submission details for the '2sum' problem. The submission was accepted, with 63/63 testcases passed. The runtime is 4717 ms, which beats 5.00% of other submissions. The memory usage is 18.38 MB, which beats 87.19% of other submissions. A bar chart shows the distribution of runtime times, with a peak at 22ms. The code is written in Python3 and uses a nested loop to find the two numbers that sum to the target.

```
1 class Solution:
2     def twoSum(self, nums, target):
3         a = False
4         for x,y in enumerate(nums):
5             for w,z in enumerate(nums):
6                 if a != True:
7                     if x != w:
8                         if y + z == target:
9                             return [x, w]
10                    a = True
```

# 11.CV



**KRISH ROY**  
ASPIRING SOFTWARE ENGINEER

+91 \*\*\*\*\* 05357  
krish.dev@email.com  
linkedin.com/in/krish-roy-a7802a374

## SUMMARY

Proactive and detail-oriented B.Tech student with a strong passion for technology and its practical application. Highly motivated to make a positive impact in the field of Computer Science and the world. Eager to contribute practical skills, embrace innovative solutions, and achieve excellence.



## TECHNICAL SKILLS

**Programming Languages:** C, C++, Python, JavaScript, Scratch Visual Programming Language

**Web Technologies:** HTML5, CSS3

**Database Management:** None

**Platforms:** Windows, Linux, Git

## PROJECTS

### Movie Recommendation System

June 23

Languages: Python

- Created a program that recommends movies based on user preferences.
- Implemented collaborative filtering and content-based filtering techniques.

### Text Based Game

July 23

Languages: Python

- Created a survival horror choice-based text game.
- Implemented multiple story paths and endings based on user choices.
- Brought it to life with Renpy Visual Novel Engine.

## CERTIFICATIONS

- Hackathon participation (GeeksforGeeks/HiDevs)
- Harvard CS50 course on Computer Science (cs50.harvard.edu)
- Advanced Python (TutorialsPoint)

## ACHIEVEMENTS

### Coding Competition 2025

Nov 20

Made it to the second to last round.

## EDUCATION

### B.Tech in Computer Science

2025 - Present

Lovely Professional University | Phagwara, Punjab

### Higher Secondary

2023 - 2025

Delhi Model Public School | Patna, Bihar

### Secondary

2018 - 2023

St. Karens Secondary School | Patna, Bihar

## POWERSKILLS

- Friendly and approachable
- Values imagination and innovation
- Makes decisions by heart and head
- Proactive to learn and practice new skills

## EXTRACURRICULAR ACTIVITIES

- Helped organize a 100m race event
- Cyber Security Workshop
- Volunteer for helping the elderly

# 12.MOOCs completed:

Advanced Python course offered by TutorialsPoint and LPU.

Academic Marksheet

From Syntax to System: Elevate with Python

From Syntax to System: Elevate with Python

Print

S.No	Subject/Skill	Lectures (Max: 97)	Quizzes (Max: 489)	Assessments (Max: 300)	Exercises (Max: 2420)	Text (Max: 95)	Total (Max: 3401)	Percentage	Grade	Remarks
1	Python	6/97	484/489	270/300	2416/2420	57/95	3233/3401	95%	A+	Excellent
OVERALL AVERAGE		6/97	484/489	270/300	2416/2420	57/95	3233/3401	95.06 %	A+	Excellent

Grading Scale

A+  
90-100%  
Excellent

A  
80-89%  
Good

B  
70-79%  
Satisfactory

C  
60-69%  
Needs Improvement

F  
<60%  
Unsatisfactory

Leadership course offered by EduTech Hub.



Awarded on the 26th day of October, 2025

## CERTIFICATE OF COMPLETION

This certificate is proudly presented to

**KRISH ROY**

for successfully completing the 7 hours of course on

**"Leadership Fundamentals"**

conducted by EduTech Hub, in recognition of their dedication,  
active participation, and successful completion of all course  
requirements.

To verify this certificate, please  
send the Certificate Number along  
with the reason for verification to  
[info@edutechhub.in](mailto:info@edutechhub.in)

Verification Notice:

EDU/10/25/LF-A204

Certificate Number

<https://edutechhub.in>



## 13. Technical MOOC registration Link

- <https://market.tutorialspoint.com/course/complete-and-ultimate-c-programming-course/index.asp>