

# Mmukul Khedekar

## CSE Sophomore

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🌐 <https://mmukulkhedekar.github.io/>

I'm a Second Year Computer Science and Engineering Student at IIT Roorkee who has a passion for Programming, Mathematics and Algorithms. I am an active Competitive Programmer, as a Former Member of the Programming and Algorithms Group at IIT Roorkee and I have a strong liking for Abstract Math as well as enjoy Problem Solving. Lately, I have also been exploring my interests in the realm of Cyber Security as an Active Member of InfoSecIITR through Capture The Flag Cyber Security Events.

## Experience & Projects

### Member of the Programming and Algorithms Group (PAG)

2023 - present

- An Active Member at PAG IITR whose main objective is Competitive Programming and creating teams that would qualify for ICPC World Finals

*Skills:* Programming with C/C++, Data Structures and Algorithms. Max Rating: 1448 (Codeforces)

### Member of the Information Security Group (InfoSecIITR)

2023 - present

- A Member of the Core Team at InfoSecIITR. A club for exploring the world of Cyber Security through a regular participation in CTF Contests organised across the globe. Additionally, the group conducts regular security assessments on IITR affiliated websites to deter any attempts aiming to attack the sites for unlawful purposes.

*Skills:* Cryptography with Python and Sagemath. Web Exploitation and Web Scraping with Python.

### Virtual Cryptocurrency Trading Platform (Project)

Sep - Nov, 2023

- Created a Virtual Cryptocurrency Trading Platform to allow users to trade at live market prices. The project is aimed for Traders who want to try out their Trading Strategies in the Actual Market.

*Tech Stack:* ReactJS and NextUI for the Front-End and Django REST Framework for the Back-End

## Education & Achievements

### High School

2020 - 2022

- Qualified for IMO Training Camp by HBCSE by securing a position among top 30 candidates on the Indian National Mathematics Olympiad (INMO 2020) - 2020
- Secured a National Rank 370 in KVPY SX 2022 - 2022
- Secured an AIR 218 in JEE MAINS 2022 - 2022
- Secured an AIR 387 in JEE Advanced 2022 - 2022

### B. Tech CSE, IIT Roorkee

2022 - Present

- Bachelors in Computer Science and Engineering at IIT Roorkee
- CGPA: 8.54

## Skills

### Programming Languages:

- C/C++
- Python
- Java
- Web development
- Cryptography
- Fluent in 3 languages: English, Hindi & Marathi