

## Anurag Negi

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<https://github.com/anuraag004>

## Projects

### BST Visualizer | Java, DSA, JavaScript

July 2024

- Developed a BST visualizer to bridge the gap between theory and practice, making trees easier to understand, debug, and optimize.
- Applied JavaScript to successfully create a fully interactive Visualizer.
- Github Repository Link - <https://github.com/anuraag004/Cipher-school-project>

### Restaurant Website | HTML5, CSS3, JavaScript

September 2022 – November 2022

- Developed a responsive website that allows users to order their favorite dishes, shakes, and juices seamlessly.
- Collaborated with a team to build the project using HTML for website structure, CSS for styling, and JavaScript for form validation and animations.
- Implemented an interactive user interface to enhance the overall ordering experience with smooth navigation and visual appeal.
- Optimized the website for responsiveness, ensuring compatibility across different devices and screen sizes.

## Training

### CipherSchools

June 2024 - July 2024

DSA Training with C++ and Java

- Mastered core data structures such as arrays, linked lists, stacks, queues, hash maps, heaps, and trees.
- Acquired in-depth understanding of algorithms, including sorting (merge sort, quick sort, heap sort), challenges effectively.
- Applied time complexity analysis, implemented binary search algorithms, and developed solutions using dynamic programming.
- Learned problem-solving techniques using recursion and backtracking to handle complex computational **Space Complexity**: Analyzed and optimized algorithms by understanding Big-O notation to ensure efficient code.
- Leet code Profile - <https://leetcode.com/u/anurag077/>

## Certificates

### Java with Data Structures and Algorithm

July 2023

CipherSchools

### Cyber Security and Privacy

November 2024

NPTEL

## Technical Skills

Data Structure and Algorithm

Object Oriented Programming

Languages: C++, Java, JavaScript, C

## Education

### Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering

Jalandhar, Punjab

### TCG Public School

2021 – 2022

12th with Science

Kotdwara, Uttarakhand

### Baluni Public School

2019 – 2020

10th with Science

kotdwara, Uttarakhand