

Anurag Negi

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🌐 <https://github.com/anuraag004>

Training

CipherSchools

June 2024 - July 2024

DSA Training with C++ and Java

- Mastered core data structures such as arrays, linked lists, stacks, queues, hashmaps, 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/>

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*

sept 2022 – nov 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.

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