

## OBJECTIVE

Seeking a challenging role in software testing to learn from industry professionals, contribute to the company, and enhance my skills.

## CONTACT

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## EDUCATION

SCHOOL:  
Krishna Public School  
Dunda, Raipur

COLLEGE:  
Vellore Institute of Technology  
Bhopal

## SKILLS

- Advanced
  - Data Structures and Algorithms
  - Problem Solving
  - Logical Reasoning
  - Python, Java
- Intermediate
  - Database Management Systems
  - Computer Networks
- Basic
  - Operating Systems
  - Software Testing

# Aryan Tiwari

## ANALYTICAL SOFTWARE TESTING ENTHUSIAST

With a strong foundation in Data Structures, Algorithms, and problem-solving, I've honed my analytical thinking through numerous LeetCode challenges. My technical skills extend to a good understanding of DBMS and Computer Networks, which complement my passion for software testing. I am eager to apply my logical reasoning and detail-oriented mindset to ensure the delivery of high-quality software solutions.

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## EXPERIENCE

### BUILT SORTING VISUALIZER IN JAVA

Developed an interactive sorting algorithm visualizer as a personal project. The tool was designed to graphically display the step-by-step process of various sorting algorithms. I gained a deeper understanding of sorting algorithms by implementing them from scratch. I also enhanced my skills in front-end development by creating an intuitive and user-friendly interface, this experience also sharpened my debugging abilities.

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### PATHFINDER ALGORITHM VISUALIZER IN PYTHON

Created a pathfinder visualizer as a personal project to demonstrate and compare various pathfinding algorithms like A\*, Dijkstra's, and Breadth-First Search. This project deepened my understanding of graph traversal and pathfinding algorithms by implementing and optimizing them in a real-time visual environment.

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### LEETCODE PRACTICE

2022 - Present

Over the past two years, I have been dedicated to improving my problem-solving skills through consistent practice on LeetCode. After a year of initial exploration, I began seriously tackling challenges, leading to the completion of over 400 problems across various difficulty levels.