

# Alok Sunil Shah

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## SKILLS

- **Languages:** Java, C++, JavaScript, C, Python.
- **Frameworks:** React, Angular, HTML, Tailwind CSS, NodeJS, Mongoose.
- **Tools/Platforms:** MySQL
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management.

## INTERNSHIP

### Board Infinity – an online education and projects related platform.

June 2024

#### Summer Training in Programming and DSA in C++

- **About: Board Infinity** is a career platform that offers upskilling programs, mentorship, and career guidance to help individuals achieve their professional goals. It provides industry-aligned courses in fields like data science, software development, and business analytics, connecting learners with experienced mentors and real-world projects to bridge the gap between education and industry requirements.
- **Tech stacks used:** Data Structures and algorithm with C++.
- **Learning Outcomes :** • Explored real-world applications of BSTs in search engines and indexing.  
• Developed a BST-based search engine prototype, enhancing data retrieval efficiency.

## PROJECTS

### • Binary Search Tree - An efficient data structure for search engine

2024

Successfully implemented a Binary Search Tree project, enhancing my understanding of tree based data structures and algorithmic optimization.

**Tech:** Data Structures and algorithm with C++.

#### Learning Outcomes

- Gained a strong understanding of Binary Search Trees (BST) and tree traversal techniques.
- Implemented efficient search, insertion, and deletion operations, analyzing their performance.
- Improved coding skills with recursive and iterative approaches for tree manipulation.

## CERTIFICATES

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|---|------|
| • Data Structures with C++ - Course by Board Infinity.          | 2024 |
| • Cloud Computing NPTEL Certificate.                            | 2024 |
| • 30 Days of Coding : Completed Java course with 250 questions. | 2025 |

## ACHIEVEMENTS

- Hackerrank 3 stars in Java and C++.
- Successfully identified and extracted crucial digital evidence from a Hard drive using FTK Imager.

## EDUCATION

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|--|--|
| • <b>Lovely Professional University</b><br><i>Bachelor of Technology - Computer Science and Engineering- 7.06 CGPA</i> | Phagwara, Punjab<br>2022-2026                  |
| • <b>S. R. Public School</b><br><i>Intermediate; Percentage: 75%</i>   | Kota, Rajasthan<br>2020-2021                   |
| • <b>Dolphin High School</b><br><i>Matriculation; Percentage: 78 %</i>   | Nagpur, Maharashtra<br>April 2018 - March 2020 |