

# BHAVYA MITTAL

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## EDUCATION

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### JSS Academy of Technical Education

B.Tech Computer Science Engineering

Expected 2025

**CGPA:** 8.46

**Course Work :** 1. Design and Analysis of Algorithm 2.Computer Organisation 3.Database Management System  
4.Operating Systems 5.Compiler Design 6.Web Technologies 7.Software Engineering

## SKILLS

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**Programming Languages :**

C, C++, Python, JavaScript

**Frameworks and Others :**

HTML, CSS, GIT, GITHUB, OOPS

**Database :**

MySQL

**TOOLS :**

VS Code

## DATA STRUCTURES AND ALGORITHMS

## ACHIEVEMENTS

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### COMPETITIVE PROGRAMMING

**CodeChef**

2022-Present

bhavya\_1729

3 Stars

- 1600+ rating, 700+ problems , 50+ contests

**Codeforces**

2022-Present

bhav1729

Pupil

- 1200+ rating, 11+ contest, 80+ problems

**LeetCode**

2022-Present

bhav1729

+200 problems

**Google KickStart** Rank: 3518th

**Meta HackerCup** Rank: 3532th

## PROJECTS

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**DHANVANTRI APP** An app that recognise the plant , show its medicinal values and ayurvedic values, helps farmer to find the disease in the crops. **MY ROLE :** Machine learning algorithm and trainer

**SUDOKU SOLVER** Developed efficient C++ Sudoku solver using backtracking algorithm, validating input and generating solutions. User-friendly interface. Demonstrated problem-solving and algorithmic skills

**SNAKE GAME ALGO** Developed a classic Snake game in C++ utilizing keyboard input and console graphics. Implemented game logic, including snake movement, collision detection, and score tracking.

**WEB NOTE WALL** Web page that stores your notes. Tech used : HTML,CSS,Javascript

## EXTRA-CURRICULAR ACTIVITIES

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- **Active member and Programmer :** Google Developer Student Clubs are university based community groups for students. By joining a GDSC, students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their community.
- **Participate in Hacathons :** Smart India Hacathon, Flipkart Grid 5.0, HackOn with Amazon 3.0,TVS credit E.P.I.C 5.0,Accenture Innovation Challenge.
- **Coding Events :** • Conducted and coached various technical workshops and seminars *Friction , Crack the shell* throughout the year to mentor students in our college on various topics impacting over 500 students.