

Rakesh Sharma

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Summary

Computer Science student with strong problem-solving skills and knowledge of core programming concepts. Seeking opportunities to apply my algorithmic thinking and grow as a developer.

Skills

- **Programming Languages:** Java, C++, C
- **Concepts:** Data Structures, Algorithms, Object-Oriented Programming
- **Databases:** MySQL
- **Tools:** Eclipse, Code::Blocks
- **Other:** Problem Solving, Debugging

Education

Bachelor of Technology in Computer Engineering

Regional Engineering College, Pune

Expected Graduation: June 2025

GPA: 3.3/4.0

Projects

Student Record Management System | [Link to GitHub](#)

- Developed a console-based application using Java to manage student records
- Implemented data structures like linked lists and binary search trees
- Created functionality for adding, searching, updating, and deleting student information
- Added file I/O operations for data persistence

Banking Management System | [Link to GitHub](#)

- Built a C++ application for managing banking operations
- Implemented account creation, deposits, withdrawals, and balance inquiries
- Used object-oriented design principles for code organization
- Created a simple command-line interface for user interaction

Data Structures Implementation | [Link to GitHub](#)

- Implemented various data structures (stacks, queues, trees) in C++
- Created algorithms for sorting, searching, and graph traversal
- Documented time and space complexity analysis for each implementation
- Added test cases to verify correctness

Experience

Competitive Programming Club Member | College Programming Club

September 2022 - Present

- Participate in weekly coding contests and hackathons
- Solve algorithmic problems on platforms like CodeForces and HackerRank
- Collaborate with team members on complex problem-solving
- Ranked in top 10% in regional coding competition

Math Tutor | High School Learning Center

June 2021 - May 2022

- Tutored high school students in algebra, calculus, and geometry
- Developed problem sets to improve student understanding
- Created visual aids to explain complex mathematical concepts

Certifications

- Data Structures and Algorithms Specialization, Coursera (2022)
- C++ Programming Certificate, SoloLearn (2021)