Samarth Vatsal

CSE Student • Developer

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Summary

Computer Science student focused on building practical, reliable software. Strong foundation in core CS, hands-on projects, and campus leadership. Combines competitive sports discipline with teamwork and communication.

Education

RNS Institute of Technology (RNSIT), Bengaluru

B.E. in Computer Science & Engineering — Expected 2027

Skills

- Languages/Tools: Java, Python, C, C++, R, HTML, CSS
- Core: Data Structures & Algorithms, OOP, Git/GitHub
- Other: Event Organization (GDSC), Community Building, Communication

Projects

Spring Boot CRUD Backend

Built a RESTful CRUD API with validation and layered architecture; deployed locally and documented endpoints.

DSA Lab Implementations

Implemented Dijkstra, Huffman coding, N-Queens, subset sum (backtracking), decision trees, and branch & bound knapsack.

Open-Source Workshop @ GDSC

Co-organized a 100+ signup workshop; handled logistics, communications and student support.

Achievements

- 10m air pistol shooter — represented college.
- Consistently performed as a duffer golfer.
- Organized multiple technical & cultural events on campus.