

Professional Summary

Highly motivated B.Tech Data Science student with strong foundation in algorithms, data structures, and competitive programming. Demonstrated expertise in C++ and Python with proven ability to design scalable solutions. Seeking opportunities to leverage technical skills in data-driven roles.

Education

Dr B R Ambedkar National Institute of Technology

Bachelor of Technology (B.Tech), Data Science

Jalandhar, Punjab

2025 – 2029 (Expected)

Relevant Coursework: Data Structures, Algorithms, Machine Learning, DBMS, Web Development

Parishkar Children's Public Senior Secondary School

Senior Secondary (Class XII)

Sadul shahar , Sri Ganganagar

2024 – 2025

Score: 92.60% (RBSE) | Science Stream (PCM)

Parishkar Children's Public Senior Secondary School

Secondary (Class X)

Sadul shahar , Sri Ganganagar

2022 – 2023

Score: 96.83% (RBSE)

Technical Skills

Languages: C++ (Advanced), Python , JavaScript, typescript, SQL, HTML/CSS

Data Science: qiskit,cirq, Scikit-learn, Data Visualization,

Tools: Git/GitHub, VS Code, Jupyter Notebook, Linux/Terminal, Overleaf,

Competitive: Codeforces (spcialist), LeetCode, Algorithm Optimization, Time Complexity Analysis

Projects

NIT Jalandhar

Retail Management Software

sep 2025 – oct 2025

- **Architected full-stack system** for inventory and sales management using SQL and JavaScript.
- **Optimized database queries**, reducing execution time by 40% through indexing and schema normalization.
- **Built interactive frontend** enabling real-time CRUD operations for end-users.
- **Collaborated with 6 team members** using Git, ensuring code quality through peer reviews.
- **Implemented role-based access control (RBAC)** and automated sales reporting features.

Freelance / Personal

School Website Development

Jan 2024 – Present

- Developed responsive website using HTML5, CSS3, and JavaScript, improving load speeds by 30%.
- Implemented user-friendly navigation and mobile-first design principles.

Competitive Programming

Codeforces & LeetCode

DSA

Problem Solving

2025–Present

- **Codeforces :** Achieved the rating of specialist , regular participation in contests
- **LeetCode:** Solved 100+ problems , buliding fundamentals
- **Algorithm Mastery:** Proficient in sliding window, two-pointers, BFS/DFS, and binary search.
- **Optimization:** specialized in reducing time/space complexity for large-scale inputs.

Additional

Languages: English (Fluent), Hindi (Native)

Interests: Competitive Programming, Quantum Computing (Qiskit), Open Source