Prateek Jain

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🎓 EDUCATION

Maulana Azad National Institute of Technology, Bhopal (M.P.) India   2019 – 2023
Bachelor of Technology, Electronics & Communication Engineering. CGPA: **8.5/10**

Little Angels' Convent Higher Secondary School, Indore (M.P.)   2018
Class XII, Mathematics. Marks: **87.8%**.

Little Angels' Convent Higher Secondary School, Indore (M.P.)   2016
Class X. Marks: **90%**. School Rank 3 among 150.

♿ EXPERIENCE

Problem Setter   *Internship*
- IMOCHA: Worked on problems related to data structures and algorithms with various difficulty levels.
- Doselect: Reviewed peer problems and set new algorithmic problems for the subscription-basis service.
- PrepBytes (Campus Business Manager): Helped to organize and promote various educational programs.

♿ PROJECTS

lib-math

C++/C, Python A mathematical & scientific library.
- An efficient library having documented implementation of more than 500 interfaces so far.
- Topics include calculus, arithmetic & geometric math, numerical methods, transforms, statistics, etc.

Chess AI

JavaScript. Chess Engine
- Implemented using min-max algorithm + alpha-beta pruning. Estimated ELO rating: 2000 at depth=5.
- Used depth limited search & positional matrix evaluation with the interface of chess.js and chessboard.js

</> TECHNICAL SKILLS

- Programming Languages: Experienced in C and C++, Familiar with HTML, CSS, and JavaScript.
- Object-oriented programming, Data Structures & Algorithms, Operating systems, and DBMS.
- Database Language: SQL (MySQL). IDE: VS Code. Operating System: Linux/Windows/Mac.

❶ COMPETITIVE PROGRAMMING

- **HackerRank** certificate for Problem-Solving Skills (6 stars) and SQL. 5 stars in **C++** language.
- **Google Kickstart:** Secured 2971 global rank in Round-C 2021.
- **Codeforces:** Secured 2092 global rank out of 24K participants in Round 723.
- **Asian Pacific Coding Contest:** Secured 198 global rank out of 2.5K participants.
- **GeeksforGeeks** Data Structures and Algorithms points 1142. **Codeforces** contest rating 1201.

⚡ EXTRA-CURRICULAR ACTIVITIES

- **Course Hero Tutorial** (Mathematics expert): Provided expertise in college-level maths problems.
- **GeeksforGeeks** (Technical Content Writer): Written various articles on Competitive Programming.
- **Aaroha: An NGO** (Volunteer): Helped various children by conducting various donation drives.
- **Robotics Club** (Technical Executive): Overlooking various projects sanctioned to juniors of all branches.
- **HashHackCode** (Teaching Experience – Coding):
- **NIT-B Chess** (Member): Also All NITs United club. Highest Blitz rating 1750+ @jainprateek5