

Pragun Bhutani

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[LinkedIn](#)

[Github](#)

Education

Jaypee Institute of Information Technology

Bachelor of Technology - Computer Science, GPA 7.4

September 2021 – Present

Noida, India

Technical Skills

Languages: C/C++, SQL, JavaScript

Frameworks, Tools, Libraries, Databases: Node.js, Express, MongoDB, MySQL
Socket.io, Git, Postman.

Relevant Coursework: Data Structures Algorithms, OOP Concepts in C++, Operating System, RDBMS.

Achievements

Meta(Facebook) Hacker Cup 2024 | Country Rank: 133rd, Global Rank: 1072nd [Certificate](#)

Google Code Jam Farewell | Country Rank: 1868th, Global Rank: 3366th [RankList](#)

ICPC Kanpur-Mathura 2022 Qualifier Round | Country Rank: 661st, College Rank: 2nd [RankList](#)

ICPC India Preliminary 2023 | Country Rank: 893rd, College Rank: 2nd [RankList](#)

CodeChef Starter #88 | Country Rank: 47th, Global Rank: 50th

LeetCode Weekly #405 | Country Rank: 24th, Global Rank: 298th

Atcoder ABC Round #364 | Country Rank: 124th, Global Rank: 1525th

CodeForces Round #952 | Country Rank: 394th, Global Rank: 1740th

Profiles: [CodeForces \(Specialist, 1415\)](#), [CodeChef \(3 star, 1763\)](#), [LeetCode \(Knight, 2057\)](#), [AtCoder \(Green, 1047\)](#)

Over 1500+ problems solved on platforms including [CodeForces](#), [CodeChef](#), [LeetCode](#), [CSES](#), [AtCoder](#), [GFG](#)

Projects

Multiplayer Gaming Arena | [Github](#) | [Website-Link](#) | Node.js, Express, MongoDB, Socket.io

Mar 2024

- Developed a **real-time online multiplayer gaming platform** for gamers enabling them to create or join game instances with sharable passcode.
- Implemented **Socket.io** for seamless real-time communication and designed **RESTful APIs** using Express.js for client-server interactions, significantly enhancing game responsiveness and player interactions.
- Utilized **MongoDB** to store all game results and user information. Created interactive user dashboards with **Chart.js** to visualize game history and statistics.

Book Bazaar | [Github](#) | [Website-Link](#) | Node.js, Express, MongoDB

Aug 2023

- Built an online marketplace for **book trading** (both buying and selling) with **Razorpay API** integration for secure transactions.
- Engineered core features including dynamic product listing and shopping cart functionality, optimized with **Cloudinary API** for efficient image management.
- Created **rating system** and **admin dashboard** to enhance user experience and streamline management processes.

Sixth Sense | [Github](#) | C++, OOPs, File Handling

Nov 2023

- Constructed a CLI model using **graph theory** to identify teams not getting first place in the tournament based on current points and remaining match schedules for each team.
- Implemented the **Edmonds-Karp** algorithm to construct a **flow network** and calculate the maximum flow for each team. This innovative approach effectively identifies teams that will not secure first place.

Positions of Responsibility

Rapid Programming Hub – Tech Coordinator

June 2023 – Present

- Organized CP contests named 'Code Rage' and 'Bid 2 Code', and prepared questions and test cases.
- Organized practice contests on platforms like CodeForces and HackerRank, and conducted workshops on DSA and STL.