

Harsh Pratap Singh

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Skills

Languages: Java, C , JavaScript

Technologies & Tools: HTML , CSS , ReactJS , Git and GitHub

Coding Platforms

Codolio:	[Profile-Link] — Over 860 problems solved across varied difficulty levels, sharpening algorithmic thinking and programming expertise.
LeetCode:	[Profile-Link] — Achieved (max. 1637) top 19% ranking in global coding contests, solving complex data structure and algorithm problems.
CodeChef:	[Profile-Link] — 2-star rating (max. 1551); active participant in contests and enhancing strategies.
GeeksforGeeks:	[Profile-Link] — Regular contributor and strong understanding of computer science fundamentals.
CodeForces:	[Profile-Link] — Active participant, improving analytical and competitive programming skills.

Education

Birla Institute Of Technology, Mesra

Aug 2023 - Jun 2027

B.E. in Computer Science and Engineering

CGPA: 8+/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Advance Data Structures and Algorithms

Project Work

WorldView

Dec 2024

[GitHub] | [Live-Site]

- Developed an intuitive user interface for presenting detailed information about 200+ countries, including data on population, GDP, and geography, with region-based search, filters, and a user-friendly dark mode for enhanced accessibility.
- Enhanced API performance by 40%, reducing average response time to 200ms by optimizing requests and implementing caching, reducing page load times by 40% and improving overall app responsiveness, resulting in a 20% increase in user engagement.
- Integrated data from multiple external APIs, ensuring high-quality data consistency, and improving data accuracy by 30%.
- Optimized mobile and desktop interfaces for responsive design, enhancing accessibility and user experience across various screen sizes, increasing mobile usage by 35%.
- Introduced a real-time search function, reducing data retrieval time and improving user interaction time by 15%.

Task-Symphony

Jun 2024

[GitHub] | [Live-Site]

- Built a user-friendly task management application, allowing users to add, organize, and track tasks effectively with features like customizable task categories.
- Implemented local storage for task persistence, ensuring tasks are saved even after browser closure, improving task retrieval time by 50%.
- Reduced task management friction by creating a real-time sync feature, improving task collaboration and reducing user errors by 20%.
- Currently it can only support 3 task for a day as it is the best number of task a person should start with to build a habit of doing task in just 21 days by 90 %

Achievements and Certificates

Java (Basic) – HackerRank: [Certificate] — Demonstrated proficiency in Java fundamentals and object-oriented programming.

Java and DSA – PW Skills: [Certificate] — Completed advanced course focusing on data structures and algorithms.

DSA Streak: Maintaining a 300+ day streak of consistent practice, solving challenging problems and refining coding strategies.