PRAMIT SARKAR

+91 97497 33006 ◇ mepramitsarkarr@gmail.com ◇ [GitHub](#) ◇ [Portfolio](#) ◇ [LinkedIn](#) ◇ [Leetcode](#) ◇ [Codechef](#)

EDUCATION

B.Tech CSE, Jaypee University Of Engineering and Technology, Guna, India   2022 - 2026

Coursework: Data Structure & Algorithms, Artificial Intelligence, Cybersecurity, Operating Systems, DBMS

SKILLS SUMMARY

Programming Languages: Python, C, C++, JavaScript, Java, SQL

Web Development: React.js, Node.js, Express.js, HTML/CSS, Vite, Tailwind CSS

Testing and Databases: Render**,** MongoDB, MySQL

Tools and Technologies: GIT, Postman, Figma

PROJECTS

TaskVault   [Link](#)

- Enables users to efficiently record daily tasks with authentication functionality.
- Frontend built with HTML, CSS, and EJS templates; backend powered by Express.
- Achieved 15% faster task tracking and management through optimized routing and logic.
- Implemented authentication for secure access and improved data integrity by 10% using behavior-driven Jasmine testing.

ALGOVISION   [Link](#)

- An advanced algorithm visualizer designed to enhance students' comprehension of complex algorithms.
- Developed an interactive visualizer, improving algorithm understanding for over 30 students.
- Enhanced algorithm comprehension, resulting in a 25% improvement in exam performance.
- Facilitated student engagement with algorithmic knowledge through interactive learning.

PeerLink   [Link](#)

- An ongoing real-time file-sharing system project.
- Developing secure and efficient peer-to-peer communication while learning WebRTC and Socket.io.
- Implementing token-based connection establishment for seamless data transfer.
- Ensured **100% data integrity** by transferring files without compression or modification.
- Optimizing for **25-35% lower latency** than cloud-based sharing by establishing direct peer-to-peer connections.

ACHIEVEMENTS

- Solved 500+ problems across various platforms including LeetCode, CodeChef, Codeforces, and Coding Ninjas.
- Achieved a rank of 1096 out of 25,000 participants in CodeChef Division 3.

ADDITIONAL INFORMATION

Languages:

- English, Hindi, Bengali.

Certifications:

- Full Stack web development-1.0(PW Skills).
- Data Structures and Algorithms in C++(Udemy)