VIKASH MISHRA

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TECHNICAL SKILLS

Languages/Courses: C++, C, Python, SQL, JAVA
Technologies/Frameworks: HTML, CSS, MongoDB, Javascript, Node.js, Bootstrap, React.js, PHP
Developer Tools: VS Code, Git, GitHub, Canva, Overleaf

PROJECTS

Sudoku Solver Visualizer ⧉ | Java, Data-Structure   Jun 2024-Jul 2024

- Designed a Java-based application that visually illustrates the process of solving Sudoku puzzles through backtracking algorithms.
- Developed an interactive tool for visualizing the Sudoku solving process, providing a step-by-step representation of the backtracking approach.
- Implemented an efficient backtracking algorithm in Java to dynamically solve and visualize complex Sudoku puzzle.

Socket Chess ⧉ | Node.js, Socket.io, Chess.js   Feb 2024-Apr 2024

- Developed a real-time multiplayer chess game, allowing two players to compete while others can spectate.
- Integrated **Chess.js** for move validation to ensure fair play, and utilized **Socket.io** for real-time board updates.
- Managed data on customer details, table availability, and bookings using MongoDB.

Weather Forecast Application ⧉ | HTML,CSS,JavaScript   Nov 2023-Dec 2023

- Developed a web application that retrieves and presents real-time weather information using the **OpenWeather API**.
- Implemented server-side logic with Node.js to fetch and display accurate weather data dynamically.
- Enhanced full-stack development skills by integrating real-time data fetching with a user-friendly interface.

COURSEWORK

- DSA
- OOPs Concepts
- Software Engineering
- Operating Systems
- Computer Networks
- DBMS

CERTIFICATES

- Algorithms on Strings - Coursera   **Mar 2024-Apr 2024**
- Programming Foundations: Data Structures - LinkedIn   **Jan 2023-Feb 2023**

ACHIEVEMENTS

- * Solved **500+** problems and maintained a **200-day streak** on **LeetCode**. ⧉
- * Solved **200+** problems across **GeeksforGeeks** and **InterviewBit**, with a **60-day streak** on GFG. ⧉
- * Achieved **5-star** rating on **HackerRank**.
- * Maintained a **8.04 CGPA** till the 4th semester.

EXTRACURRICULAR

- * Participated in Web Hackathons, enhancing problem-solving and coding skills.
- * Active member of Google Developer Student Club and Literary Society at LPU.

EDUCATION

Lovely Professional University   **Aug 2022 – Present**
*B.Tech - Computer Science and Engineering - **CGPA** - 8.04*   *PUNJAB, INDIA*