Himanshu Khare

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Skills

Programming Languages: C++, Java, SQL

Web Technologies: HTML, CSS, JavaScript, React.js

Backend & Tools: Firebase, Git, DBMS

Core Concepts: OOP (Java), Data Structures and Algorithms

Projects

Realtime Whiteboard | HTML, CSS, JavaScript, Node.js, Socket.io   ⚲GitHub | Deployment

- Built a collaborative whiteboard using **vanilla JavaScript** with **real-time synchronization** using **Socket.io**.
- Enabled tools like **multi-color pencil**, **resizable eraser**, **sticky notes**, and image insertion.
- Implemented **undo/redo** functionality with **stack-based tracking** for improved usability.
- Integrated a board **download feature**, enhancing shareability for users.

Excel Clone | HTML, CSS, JavaScript   ⚲GitHub | Deployment

- Developed a fully functional **Excel-like spreadsheet** application using **Vanilla JavaScript**.
- Implemented a 2D dynamic grid with multi-sheet support, enabling seamless navigation and data handling.
- Designed a custom **formula engine** using **DFS** and **infix stack evaluation** for real-time calculations.
- Integrated advanced text formatting features: font size, alignment, bold, italic, and underline

Media Player | HTML, CSS, JavaScript   ⚲GitHub | Deployment

- Developed a custom **video player** with support for **local media playback** via **drag-and-drop**.
- Integrated **keyboard shortcuts** for intuitive control of **playback**, **volume**, **seek**, and **Fullscreen**.
- Designed custom UI components for **play/pause**, **speed control**, and **progress bar interaction**.
- Ensured **cross-browser** and **cross-device compatibility** with a clean and modern **UI layout**.

Education

Institute Of Engineering and Technology Devi Ahilya Vishwavidyalaya Indore, India   **2023 - 2027**

- Computer Science and Engineering

Saint Dominic Savio School, India   **2021 - 2022**

- ISC (Class XII), Aggregate:93%

Saint Dominic Savio School, India   **2019 - 2020**

- ICSE (Class X), Aggregate:85%

Coding Profiles

- **Leetcode :** 250+ problems solved **(Max Rating - 1552)** | Profile
- **CodeChef :** 250+ problems solved **(Max Rating - 1443 2*)** | Profile
- **Codeforces :** 100+ problems solved **(Max Rating - 1056)** | Profile

Achievements

- **2-Star Coder** on CodeChef(Max Rating:1443).
- Solved **500+ problems** across CodeChef, LeetCode, Codeforces, and GeeksforGeeks.
- Secured **2nd** position in Code Quest, a coding competition organized by **Google Developer Groups On Campus, IET DAVV**