MAHTAB SHAH

An independent, self-motivated individual dedicated to achieving goals through hard work and perseverance.

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SELECTED PROJECTS

LIVE VISUAL STUDIO CODE LINK | REPOSITORY   Dec'24

*A web application built using **HTML, CSS,** and **JavaScript**.*

- Developed a live Visual Studio Code editor, enabling users to write **HTML, CSS,** and **JavaScript** with instant **results rendering** for **real-time visualization**.
- Integrated features such as **proper formatting, syntax highlighting,** and **auto-completion** of predefined **code snippets.**
- Enhanced **real-time coding** and **debugging experiences** through an interactive interface.

WEB PALLET APPLICATION LINK | REPOSITORY   Nov'24

*A **fully responsive** web application built using **HTML, CSS, and JavaScript.***

- Designed an interactive tool that offers a variety of **color schemes** for websites, including **monochromatic**, **complementary**, **triadic**, **tetradic**, and **analogous** palettes.
- Implemented a user-friendly interface for exploring color **wheels** and **combinations tailored** for web design.

REGEX TASTER APPLICATION LINK | REPOSITORY   Jan'25

*A web application built using **HTML, CSS, and JavaScript.***

- Implementing a user-friendly interface to test and validate regular expressions in real time.
- Allows users to create custom inputs and test their regex with instant feedback in a user-friendly interface.

TECHNICAL SKILLS

- **Languages/Technologies:** C | C++ | JavaScript.
- **Web technologies:** HTML | CSS | Bootstrap | JavaScript | React.js.
- **Relevant Coursework:** Data Structure and Algorithms | Object Oriented Programming.
- Strong problem-solving and debugging skills to effectively address complex challenges.

EDUCATION

Indian Institute of Technology, Dhanbad, INDIA.

- **Bachelor of Technology** in Electrical Engineering.   **Aug'23-2027**

Sardar Vallabh Bhai Patel Inter College, Pratapgarh, INDIA.

- **Class XII**   *percentage **81.2%**, **2022***

CERTIFICATION & ACHIVEMENT

- **C++ DSA certificate from Apna College. CERTIFICATE**   Jan'25
- **JEE ADVANCED (2023)**
  Qualified India's toughest exam and ranked in the top 6.4% out of 200,000 students.

OBJECTIVE

- To secure a position where I can apply my HTML, CSS, and JavaScript expertise to contribute to real-world projects in a dynamic and challenging environment.