Shreyash Singh

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EDUCATION

- **Bachelor of Technology – Computer Science and Engineering(CSE)** (Aug 2023 –Present)
  Sardar Patel Institute of Technology
  CGPA: 8.015
- **HSC**
  Sardar Vallabhbhai Patel Junior College of Science (Jul 2022 – May 2023)
  Percentage: 83.17%
- **SSC**
  Sardar Vallabhbhai Patel Vidyalaya (Jul 2020– March 2021)
  Percentage: 80%

SKILLS and Interests

- **Languages:** C, C++, Java, Python, HTML, CSS, JavaScript, Node.js, Express.js
- **Framework & Libraries:** React.js, Bootstrap, TensorFlow, OpenCV
- **Database**: MongDB, SQL
- **Tools/IDE:** Git, MySQL, VSCode, Replit
- **Interests:** Reading Books, Artificial Intelligence, Exploring new technologies like laptop.

PROJECTS

- **MyPortfolio(**Github**)** : (June 2023 -Present)
  Introduced to present my work and skills in web development. Comprises a collection of work that proves my capabilities in various technologies, along with the principles of design. Meant to give a general idea of my technical strength and progress as a developer.
  - **Technologies used:** HTML, CSS, JavaScript.
- **News website(**Github**)**: (July2023 -August2023)
  It was designed for unhindered and quick access to up-to-date news in all spheres. This system is intended for an agile and captivating user experience with the purpose of making access to a site full of dynamic content much easier. Keeping performance, cross-device compatibility, and modern web design principles in mind, the project is sure to enhance accessibility to information across a wide group of people.
  - **Technologies used:** HTML, CSS, JavaScript.
- **E-commerce website(**Github**):** (Nov 2023 - Jan 2024)
  This project has been developed during an internship at [Internship Studio Name] in the first year of B.Tech. It aims to provide a seamless online shopping experience while giving much emphasis on ease of navigation, responsiveness, and other basic functionalities of e-commerce-like product listing and shopping cart.
  - **Technologies used:** HTML, CSS, JavaScript.
- **Internship Studio Portfolio** : (Aug 2023 - Oct 2023)
  Created as a demonstration of the different projects that I achieved to be able to complete during my internship at Internship Studio. In order to point out the practical skills and solutions developed while focusing on the company's capabilities and growth with applying real-world web development.
  - **Technologies used:** WordPress.
- **Criminal and Crime database** : (Aug 2024 - Dec 2024)
  The system was designed for efficient storage, updating, and analysis of the criminal records and crime data for an academic project. Focused on enhancing easy access to data by law enforcement agencies through the implementation of quick search, retrieval, and update features.
  - **Technologies used:** MYSQL.

- **Textutils(**Github**)** : (Jun 2024 - August 2024)
  This is designed for a practice project to develop a multi-functional text processor. Features would include the conversion of text into full uppercase and lowercase, cleaning text by removing extra characters, etc. It will help me enhance my capabilities related to text manipulation and processing.
  - **Technologies used:** React.js.
- **Snappy** (Github): (Nov 2024 - Present)
  A real-time chat application designed for seamless messaging and user-friendly communication. Built using React.js for the frontend, MongoDB for the backend, and Socket.io for real-time bidirectional communication. Snappy provides a smooth and responsive user experience with real-time message updates, authentication, and secure data handling.
  - **Technologies used:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Socket.io

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Hackathon Projects

- **MessMate**(Github)(Demo): (Feb 2025 - Present)
  This project is designed for a college mess management system to streamline daily operations. It provides features such as a digital menu display, a feedback system for students, an integrated payment gateway for seamless transactions, and a staff section to track the number of meals ordered and the remaining meals available. This project enhances my skills in developing full-stack applications with real-time data processing.
  - **Technologies used:** React.js.

- **Yoga Pose**(Github): (Feb 2025 - Present)
  A real-time yoga pose detection web application built using **TensorFlow** and **OpenCV** for pose estimation. The project leverages **React** for an interactive user interface, providing real-time feedback on yoga postures. It helps users improve their form and alignment by analyzing body key points and offering corrections.
  - **Technologies used:** React.js.

- **Wellness360**(Github)(Demo): (Mar 2025 - Present)
  Wellness 360 is a comprehensive health and wellness platform designed to help users track and improve their well-being. It features an AI-powered chatbot for health guidance and a dashboard that includes heart rate monitoring, sleep tracking, hydration tracking, and SpO2 tracking. The platform also integrates a Yoga AI, which analyzes poses using a camera to provide real-time posture correction. Additionally, it offers a community page where users can share daily updates and interact with others, as well as a shop section where users can browse and purchase wellness-related products.
  - **Technologies used:** React.js, TensorFlow, Node.js, Express.js, MongoDB, OpenCV (for AI-powered yoga tracking)

EXPERIENCE

- **Internship Studio** (Nov 2023 - Jan 2024)
  Web Developer (Internship) Remote
  - Worked in HTML , CSS and JavaScript with the title of “E-Commerce website”

- **Internship Studio** (Aug 2023 - Oct 2023)
  WordPress (Internship) Remote
  - Worked in WordPress with the title of “Internship Studio Portfolio”

SOFT SKILLS

- UHV and IKS course in college.