SUDHANSHU RAJ

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.Tech	Chhattisgarh Swami Vivekanand Technical University	7.2 (Current)	2022-Present
Senior Secondary	BSEB Board	74%	2020
Secondary	CBSE Board	76%	2018

PROJECTS

❖ Virtual Assistant

The virtual assistant listens for voice commands and responds with spoken feedback. Additionally, it can execute commands that allow for web navigation and open installed applications based on user instructions.

Technologies used: HTML, CSS, JavaScript (Virtual Assistant)

❖ Personal Portfolio

An interactive portfolio that showcases a curated collection of my work across various projects, demonstrating my skills. The portfolio is designed to be user-friendly and responsive, ensuring an optimal viewing experience on all devices.

Technologies used: ReactJS, Material UI, gsap (Portfolio)

❖ Start-up Project

A doctor consultation platform, a startup project dedicated to revolutionizing healthcare access. Our platform connects patients with qualified doctors for seamless consultations, provides medical prescriptions in a document format, and securely saves medical records. Technologies used: MERN Stack (github.com)

❖ Music Streaming Web App inspired by Spotify

Developed a simple yet effective chatbot that integrates with an external API to provide real- time responses to user inquiries. Developed a responsive and interactive music streaming platform inspired by Spotify. Implemented features like song search, playlists, and real-time audio playback.

Technologies Used: ReactJS, Vite, Tailwind CSS, API Integration, Node.js, MongoDB(Github.com)

❖ E-commerce Website inspired by Myntra

Built a fully responsive e-commerce platform inspired by Myntra, featuring product listings, filters, cart functionality, and secure checkout.

Technologies Used: ReactJS, Tailwind CSS, Redux, Node.js, MongoDB(github.com)

❖ Capturing Non-manual features of Indian Sign Language and converting it into text

Indian Sign Language (ISL) is a visual-manual language primarily used by the deaf and hard of-hearing community in India. It consists of a combination of hand gestures, facial expressions, head movements, and body postures, collectively known as non-manual features (NMFs). These NMFs play a crucial role in the language, conveying important aspects such as tone, emotion, intensity, negation, and questioning. The core of the system will involve deep learning models such as Convolutional Neural Networks (CNNs) for image processing, coupled with Recurrent Neural Networks (RNNs) networks to handle temporal dependencies in video sequences.(github.com)

CERTIFICATIONS AND COURSES

- DSA with Java - Coding Spoon

SKILLS

- **Programming:** Java, HTML, CSS, JavaScript
- **Frameworks/Libraries:** MERN, Material UI, Tailwind CSS
- **Database Management**: MongoDB
- **Tools and Technologies:** Git, GitHub, Visual Studio Code, IntelliJ IDEA
- **Other Skills:** Problem-solving