SOBIYA HUSSAIN

Nationality: Indian   **Date of birth:** 19/08/1999   **Gender:** Female   📞 **Phone number:** (+91) 8349248588

✉ **Email address:** sobiadev7@gmail.com

📍 **Home:** Ganj, , 460001 Betul (India)

ABOUT ME

I am a highly motivated and passionate web developer with a strong knowledge of the field. As a recent graduate, I am excited to kickstart my career in web development and apply my knowledge to create innovative and user-friendly web solutions. I have a solid foundation in HTML, CSS, JavaScript, and Python, as well as experience with frameworks such as React and Angular. During my studies, I worked on various projects that honed my skills in responsive web design, problem-solving, and debugging. I am a quick learner, eager to stay updated with the latest technologies and frameworks in the ever-evolving field of web development. With excellent communication and collaboration skills, I am confident in my ability to contribute effectively as part of a team while also being able to work independently. I have a keen eye for detail and strive to deliver high-quality results. I am driven by a strong passion for creating seamless user experiences and I am excited to bring my enthusiasm and dedication to a dynamic organization.

EDUCATION AND TRAINING

INTERMEDIATE
Shree Agrasen Maharaja Vidhyalaya

City: Betul
Country: India
Final grade: 92%

Diploma in Electronics and Communication
Govt. Polytechnic college

City: Betul
Country: India
Final grade: 9.21 CGPA

BTech in Electronics and Communication
University Institute of Technology, RGPV [2020 – 2023]

City: Bhopal
Country: India
Final grade: 8.87 CGPA

PROJECTS

Gas detector using Arduino UNO

In this project, I designed and implemented a gas detector using Arduino UNO microcontroller board. The aim of the project was to create a device that could detect the presence of harmful gases in the environment and provide visual and audible alerts to ensure safety. Programmed the Arduino to read data from gas sensors and detect harmful gases like carbon monoxide (CO) and methane (CH4).

I utilized various gas sensors to detect specific gases, such as carbon monoxide (CO) and methane (CH4). The Arduino UNO was programmed to read the sensor data and analyze the gas concentration levels. When the levels exceeded a predefined threshold, the system triggered an alarm and activated LED indicators to visually alert the user.

To enhance the user experience, I integrated a buzzer that emitted audible alerts in case of gas detection. Additionally, I incorporated an LCD display to provide real-time information about the detected gas and its concentration.

Third Blind Eye using Arduino Nano

Developed the "Third Blind Eye" project using Arduino Nano microcontroller. Programmed the Arduino Nano to calculate distances using ultrasonic sensors and provide haptic feedback through vibration motors. The system utilized ultrasonic sensors to detect obstacles and provided haptic feedback through vibration motors. The Arduino Nano was programmed to calculate the distance between the user and objects in the surroundings. When an obstacle was detected within a certain range, the device vibrated to notify the user and help them navigate safely. This project showcased my ability to integrate sensors, program the Arduino Nano, and design solutions for enhancing accessibility.

PROJECTS AND WEBSITE

Website: Foodie Delights

Foodie Delights is a captivating food website that I developed using HTML, CSS, and JavaScript. It serves as a hub for food enthusiasts, offering a delightful culinary experience with a wide range of recipes and dining options.

The website features an attractive and user-friendly interface that ensures smooth navigation. Users can explore various sections, including recipe collections and featured dishes, to discover new and exciting culinary creations. The responsive design guarantees optimal viewing across different devices, providing accessibility to users on desktops, tablets, and mobile phones.

With interactive elements such as image sliders and smooth transitions, the website captivates users and creates an engaging browsing experience. The visually appealing layout showcases enticing food images and entices visitors to explore further.

Foodie Delights focuses on providing a seamless user experience. Although the website does not include advanced features like search functionality or user registration, it still offers a visually appealing platform for food enthusiasts to indulge in their passion.

Through the development of Foodie Delights, I have demonstrated my proficiency in front-end web development using HTML, CSS, and JavaScript. The project highlights my skills in creating visually appealing websites that provide an enjoyable browsing experience.

Link: https://sobiya07.github.io/Food-Website-Design/

Game: Simon Game

Simon Game is an interactive and addictive memory game that I developed using HTML, CSS, and JavaScript. Inspired by the classic Simon electronic game, this web-based version challenges players to test their memory and pattern recognition skills.

The objective of the game is to repeat a sequence of randomly generated colors and sounds played by the computer. As the game progresses, the sequence becomes longer and more challenging. Players must pay close attention and replicate the pattern correctly to advance to the next level.

The game features a visually appealing and intuitive user interface, designed using HTML and CSS. Vibrant colors and engaging animations make the gameplay visually stimulating and enjoyable. Users can interact with the game using mouse clicks or touch inputs on mobile devices, enhancing accessibility and user engagement.

JavaScript powers the game's logic, handling the generation of random patterns, user input validation, and level progression. It also controls the audio and visual feedback to provide an immersive gaming experience.

Simon Game not only offers entertainment but also exercises the player's memory, focus, and cognitive abilities. It can be played by people of all ages and serves as a fun and challenging way to sharpen mental skills.

By developing Simon Game, I have demonstrated my expertise in front-end web development, showcasing my skills in HTML, CSS, and JavaScript. The project highlights my ability to create engaging and interactive games that provide an enjoyable experience for players.

Link: https://sobiya07.github.io/Simon-Game/

Music Instrument: Drum Kit

Drum Kit is an interactive virtual instrument that I developed using HTML, CSS, and JavaScript. Inspired by the traditional drum set, this web-based application allows users to unleash their inner drummer and create rhythmic beats with just a few clicks or taps.

The Drum Kit interface, designed using HTML and CSS, replicates the layout of a physical drum set, complete with various drum pads representing different drum sounds. Each drum pad is visually appealing and responsive to user interaction, providing a realistic and immersive drumming experience.

Using JavaScript, the Drum Kit application enables users to trigger drum sounds by clicking or tapping on the respective drum pads. The sounds are dynamically generated and played in real-time, allowing users to experiment and create their own unique beats and rhythms.

The interactive nature of Drum Kit fosters creativity and musical expression. Users can experiment with different combinations of drum sounds, tempo variations, and rhythm patterns to compose their own music. The application provides a platform for users of all skill levels to explore the world of drumming and enjoy the thrill of playing virtual drums.

By developing Drum Kit, I have demonstrated my proficiency in front-end web development, showcasing my skills in HTML, CSS, and JavaScript. The project highlights my ability to create interactive and engaging musical applications that provide an enjoyable experience for users.

Link: https://sobiya07.github.io/Drum-kit/

CERTIFICATION

NPTEL

The course is on Digital Circuit.

duration - 12 week

NPTE;

The course is on Control Engineering

duration - 12 week

Complete Web Development Bootcamp by Dr. Angela Yu

The Complete Web Development Bootcamp, led by the experienced instructor Dr. Angela Yu, is a comprehensive online course designed to equip students with the skills and knowledge needed to become proficient web developers. This immersive and hands-on course covers a wide range of web development topics, providing a solid foundation for both beginners and experienced learners.

TECHNICAL SKILLS

Basic c programming

HTML CSS

Javascript

Bootstrap

jQuery

Node.js

I hereby declare that all the information stated above is fact and true to my knowledge and I take all responsibility for all the above information.(Sobiya)