Shivansh Agarwal

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● https://github.com/ShivanshKAgarwal

EDUCATION

DIT University , Dehradun, Uttarakhand, India   Aug'20 - April'24
B.Tech in Computer Science   GPA: 7.87
MGSS School , Patiala, Punjab, India   May'18 - March'20
12th Class   GPA: 8.45
St. Mary's School , Bijnor, Uttar Pradesh   March'16 - April'18
10th Class   GPA: 8.87

SKILLS

Functional :   Problem-Solving, Communication, Teamwork, Critical Thinking, Customer Service, Conflict Resolution
Technical :   HTML, CSS, JAVASCRIPT, React, NodeJS, Java

PROJECTS

Hangman Game   Aug23'

- Developed a classic Hangman game as a personal project, showcasing my coding and game development skills.
- Interactive Gameplay: Created a user-friendly and engaging game interface that allows players to guess words and letters, providing feedback on correct and incorrect guesses.
- Word Database: Integrated a diverse word database, ensuring a wide variety of words for players to guess, enhancing the game's replayability.
- This project demonstrates my passion for game development, problem-solving skills, and ability to create an enjoyable user experience.

Text - To -Speech   Aug'23

- Developed a Text-to-Speech (TTS) application, showcasing my programming and speech synthesis expertise.
- Natural Speech Generation: Implemented advanced speech synthesis techniques to produce lifelike and natural-sounding speech from text input, enhancing accessibility and user experience.
- Multi-language Support: Integrated multiple languages and accents into the TTS system, making it versatile and accommodating a diverse user base.
- This project highlights my technical skills, including speech synthesis, natural language processing, and user-focused design, demonstrating a commitment to enhancing accessibility and user interaction.

Recipe App   Aug'23

- Designed and developed a user-friendly and feature-rich Recipe App, showcasing my skills in mobile app development and culinary content delivery.
- Extensive Recipe Database: Curated and organized a diverse collection of recipes across various cuisines, ensuring a wide range of culinary options for users to explore and enjoy.
- Cross-Platform Compatibility: Ensured the app's availability on both iOS and Android platforms, catering to a broad user base.

Pixel Art Generator   Aug'23

- Conceptualized and developed a versatile Pixel Art Generator, demonstrating my creative coding skills and the ability to provide a unique artistic tool for users.
- Intuitive Pixel Creation: Designed an easy-to-use interface that allows users to create pixel art with a range of tools, including drawing, painting, and erasing functions.
- Customizable Canvas: Implemented canvas size and grid settings, providing users with the flexibility to create pixel art of various sizes and complexities.
- Color Palette Selection: Integrated a color palette with a wide array of colors and the ability for users to create and save custom color palettes for their artistic projects.

Portfolio Project   Sept'23

- Designed and developed a personal portfolio website, showcasing my technical skills, creative capabilities, and professional achievements.
- Responsive Design: Created a fully responsive website, ensuring that it looks and functions well on various devices, from desktop computers to mobile phones.
- Personal Branding: Designed a visually appealing and cohesive layout that reflects my personal brand, including the use of color schemes, typography, and visual elements.
- Interactive Features: Incorporated interactive elements like hover effects, animations, and smooth scrolling to engage and captivate visitors.
- Project Showcase: Showcased a curated selection of my work, including projects, achievements, and contributions in a visually appealing and organized manner.

Real Time Chat Application   Sept'23

- Designed and developed a dynamic and interactive web-based chat application, demonstrating my proficiency in web development and real-time communication.
- Real-Time Messaging: Implemented WebSocket technology to enable instantaneous message delivery and real-time updates, ensuring seamless and responsive communication.
- User Authentication and Privacy: Incorporated secure user authentication and authorization mechanisms to protect user data and privacy, creating a safe and trustworthy chat environment.
- Scalable Architecture: Designed the application with scalability in mind, allowing for efficient handling of a growing user base and high message volumes while maintaining optimal performance.

E-Commerce Website   Oct'23

- Conceptualized, designed, and developed a feature-rich and visually appealing E-Commerce platform for clothing, demonstrating my skills in web development and online retail.
- User-Friendly Interface: Created an intuitive and responsive user interface with an emphasis on user experience, making it easy for shoppers to browse, select, and purchase clothing items.
- Responsive Design: Ensured a responsive and mobile-friendly design to reach customers on various devices, improving accessibility and expanding the customer base.
- This project highlights my comprehensive skills in web development, online retail, and user-centered design, demonstrating my ability to create a successful E-Commerce platform for clothing.