AMAN NADAF

Software Engineer

✉ amannadaf333@gmail.com   📞 7411529289   📍 Bengaluru, Karnataka, India

About Me

Passionate engineering student with a deep interest in web development, driven by a desire to create engaging and innovative online experiences. I thrive on exploring the latest technologies and design trends, continually seeking opportunities to push the boundaries of creativity and functionality. Eager to contribute to dynamic frontend projects, I am committed to enhancing user experiences and delivering impactful solutions that resonate with audiences.

Projects

Time Sense Game

A React-based game that challenges users to estimate the passage of time for various activities. It features real-time feedback, dynamic state management, and an interactive, responsive UI for an engaging user experience.

Food Explorer and Community Hub

A dynamic web application built with Next.js for both frontend and backend development, leveraging server-side rendering for optimal performance. The project features a seamless user interface for browsing meals and engaging with a community of food enthusiasts. It uses SQL for database management to store meal data and user information, providing a reliable and scalable solution for managing content and user interactions.

Virtual Whiteboard Using Hand Gesture Recognition & AI Interaction

Developed an interactive virtual whiteboard application utilizing hand gesture recognition with OpenCV and cvzone. Integrated Google Generative AI to interpret hand-drawn gestures and solve math problems, enabling dynamic drawing with color selection and screenshot functionality. Enhanced user experience with a static full-view camera feed, ensuring focus on the entire workspace while prioritizing real-time performance and usability.

Voice Assistant

Developed 'Evio', an intelligent voice assistant using speech recognition, Google Text-to-Speech, and Pygame for audio playback. Evio is capable of performing various tasks such as Wikipedia searches, YouTube and Google queries, setting timers, and more. Demonstrates strong expertise in speech processing, natural language understanding, and real-time task automation.

SKILLS

Next.js   React.js   MySql

HTML5   CSS   JavaScript   TypeScript

C/C++   Python   Core Java   Linux

Git   DSA   Tailwind CSS   MonogoDB

Language

Hindi   Kannada   English

EDUCATION

B.E in Information Science

The National Institute of Engineering
📅 08/2022 08/2026
📍 Mysore, Karnataka

Pre University, Class 12th

**Vision PU Collage.
KSEEB**
📅 06/2021 05/2022
📍 Banglore, Karnataka

Matriculation

**PSSEMR School.
CBSE**
📅 06/2019 05/2020
📍 Davangere, Karnataka

Courses and Certifications

- Introduction to RDBMS by IBM
- Advance Data Structures by University of Califonia
- HTML ,CSS ,JavaScript For Web Developers by Johns Hopkins University