

Akash Vaddapelli

Full Stack Developer

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SUMMARY

Enthusiastic Full-Stack Developer with hands-on project experience in developing scalable and user-friendly web solutions. Committed to delivering high-quality work, solving real-world problems, and growing in a collaborative environment.

SKILLS

Frontend Development:

HTML, CSS, JavaScript, TypeScript

UI Libraries & Styling:

React.js, Tailwind CSS, Bootstrap

Backend:

Node.js, Express.js

Tools:

Git, GitHub, Postman, VS Code, Cursor, Windsurf

API Integration:

RESTful APIs

Database:

MongoDB, MySQL

PROJECTS

AUTOMATED BUS SCHEDULING AND ROUTE MANAGEMENT SYSTEM

Tools Used: HTML, CSS, JavaScript, React.js, Node.js, PostgreSQL

The Automatic Bus Scheduling and Route Management System is a web application that simplifies bus management for administrators and passengers. Admins can manage bus details, routes, schedules, driver assignments, and timings through an interactive dashboard with real-time updates. Passengers can search buses between locations, view routes, and check estimated arrival and departure times. Google Maps integration allows users to visually track routes and bus stops, making journey planning simple and efficient.

VOLUME CONTROL USING HAND GESTURES

Tools Used: OpenCV, Python, MediaPipe, PyCaw

The Volume Control Using Hand Gestures system allows users to control their computer's audio using real-time hand movements captured through a webcam. It detects the thumb and index finger positions using a hand tracking model and calculates the distance between them to adjust the volume. Moving fingers closer decreases the volume, while moving them apart increases it. This touchless system provides a convenient and interactive way to control audio without using a keyboard or mouse.

PROFILES



Akash
LinkedIn



Akash
GitHub

EDUCATION

B.Tech (Internet of things)

2021 to 2025

Balaji institute of technology and science

Intermediate

2019 to 2021

Scholor's Junior college

SSC

2018 to 2019

Reynolds high school

LANGUAGES

English, Telugu, Hindi.