

# Srividhya B

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in SrividhyaB    📱 Sri874

## Profile Summary

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Aspiring web developer with hands-on experience in full-stack development and UI/UX design. Skilled in HTML, CSS, and Figma, with a focus on building user-friendly interfaces. Completed internships that enhanced both technical and design skills. Strong problem-solver and team player, with achievements in national-level competitions.

## Education

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**Anand Institute of Higher Technology**  
*BE in Computer Science And Engineering*  
◦ CGPA:8

*2022-2026*  
*Chennai*

## Projects

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### Weather And Crop Prediction App

- The Weather and Crop Prediction App is a mobile solution built with React Native to support farmers and agricultural experts. It provides reliable weather forecasts, planting guidance, and pesticide recommendations by leveraging data from OpenWeatherMap. The app is optimized to work even in areas with limited internet access using built-in, pre-trained logic.
- key features: Provides daily guidance for planting based on weather conditions.  
Recommends effective pesticide treatments tailored to the environment.  
Functions smoothly in low or no internet connectivity through offline-ready features.
- Tools Used:ReactNative,API.

### VR Reality Navigation Assistant

- This project showcases an innovative Arduino-based system that seamlessly integrates ultrasonic sensing and sound generation capabilities for visually impaired.
- Ultrasonic sensor measures distance and sends readings to the serial monitor.Two buttons trigger different sound frequencies (1 kHz and 500 Hz) on the buzzer. Buttons have debounce functionality to prevent multiple triggers.System uses Arduino board for control and processing
- Tools Used:Arduino IDE,Serial monitor.

### UI/UX

- Designed intuitive and responsive user interfaces for web and mobile platforms using Figma. Created interactive prototypes to effectively communicate design concepts and gather user feedback. Applied user insights to refine designs and followed UI/UX best practices to improve usability, engagement, and overall user experience.
- Tools Used:figma.

## Technologies

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### Languages:

- Python(Basics)
- C++ and C(Basics)
- CSS ana HTML

### Soft skills:

- adaptability
- Problem solving