Sharon Ponsily C

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Profile Summary

Aspiring developer with a keen interest in Full Stack Web Development and Python Development. Possesses hands-on experience in developing responsive web applications, integrating APIs, and deploying solutions. Demonstrated leadership and collaboration skills through successful participation in hackathons, symposiums events. Adept in front-end and some back-end technologies, UI/UX design using Figma, and passionate about creating impactful tech solutions. A fast motivated learner and problem solver with good technical and communication skills.

Education

Anand Institute of Higher Technology   *2022 – 2026*
B.E in Computer Science and Engineering   *Chennai*
- CGPA: 8.25

Projects

Weather Crop Prediction Web App
- The Weather and Crop Prediction App is a React Native application designed to assist farmers and agricultural planners by providing accurate weather forecasts, pesticide recommendations and planting advice using OpenWeatherMap API.
- Key Highlights: Assist farmers with daily planting decisions.Suggest appropriate pesticide treatments based on environmental conditions.Work with low internet scenarios using pre-trained logic.
- Tools Used: React Native, API.

VR Navigation Assistant
- Developed an innovative Arduino-based system for the Visually impaired persons that seamlessly integrates ultrasonic sensing and sound generation capabilities.
- Key Highlights: 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.

Website Designing
- Designed user friendly web and mobile interfaces. Created interactive prototypes and collected user feedback. Applied UI/UX bestpractices to improve digital user experiences for an online food ordering website and E-commerce website.
- Tools Used: Figma.

Skills

Languages:
- Python (basics)
- C++,C
- SQL
- HTML,CSS

Soft Skills:
- Quick learner and good listener
- Problem solving with time management
- Logical and creative thinker