

YUVRAJ SINGH RATHORE

STUDENT

PROFILE

Highly motivated first-year student with a foundational knowledge in web development, eager to gain hands-on experience through a dynamic internship. Proficient in HTML, CSS, JavaScript, Java and Python, and committed to learning and contributing to real-world projects.

EXPERIENCE

Voice Assistant with Chat GPT integration

IDEA Lab | Poornima Institute of Engg. & Technology

- Objective : To build a Voice assistant with chat GPT integration
- Materials and Methods : Speaker(4 OHM), Battery, I2S (MAX98357) Audio Amplifier, ESP32 Dev board, 12S Mic, IR Sensor Module, TP4056 Battery Charging Module, XIAO ESP32C3 BOARD, INMP441 MICROPHONE. The project involved testing, assembling and installing these components.
- Result : The voice assistant worked seamlessly with chat GPT API integration with voice input and audio output

Earthquake Detector Alarm System

IDEA Lab | Poornima Institute of Engg. & Technology

- Objective : An earthquake detector alarm provides early warnings by detecting initial seismic tremors (P-waves) before stronger, damaging waves (S-waves) hit. This brief lead time allows people to take safety measures, helping to reduce injuries, fatalities, and property damage during earthquakes. It's a critical tool for enhancing disaster preparedness and response.
- Materials and Methods : Arduino Uno Board, ADXL345 Accelerometer, 16 x 2 LCD Display, Buzzer, LED. The project involved testing, assembling and installing these components
- Result : The earthquake detector alarm worked seamlessly with ADXL345 Accelerometer and successfully detected earthquakes

CONTACT

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github.com/pixel-yuvraj

x.com/Hashtag_Yuvraj

EDUCATION

Poornima Institute of Engineering and Technology

B.Tech in Computer Science and Engineering
2023-2027

Oriental Public School, Kalyani, West Bengal

CBSE class XII
2021 – 2023

SKILLS

- Basics of C language
- HTML, CS and Javascript
- Basics of Java
- MS office
- Ability to work independently and as part of a team
- Detail-oriented and able to handle multiple tasks simultaneously

CERTIFICATIONS

- Certificate for successfully presenting a research paper in the ICSIS organized by PIET on April 24,2024