Khyati Vegda

EC engineer

My Contact

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📍 Ahmedabad , India

in https://www.linkden.com/in/khyati-vegda-78bb32238/

Technical Skill

- Digital and Analog Electronic
- Embedded System
- PCB designing
- GUI Designing , pyqt5 , Tinker

Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking
- Leadership

Education Background

- Government Engineering College, Rajkot Affiliated to Gujarat Technical University | B.E. (Electronics and Communication Engineering) 2019-23 | 7.67(till 7th sem)

- New Era Public School –CBSE Affiliated | XII - Science(2019) | 65.55%

- St'mary high scondary school | X - 2018 | 71%

About Me

As a fresher in the embedded industry, I am eager to contribute my knowledge, enthusiasm, and fresh perspectives to a forward-thinking organization. I am seeking a position where I can leverage my technical skills to develop innovative embedded solutions, contribute to product development, and make a meaningful impact on the industry.

Experience

Wehear Innovation Pvt. Ltd | Embedded Intern 2023 – Present
Key responsibilities:

- As an embedded Hardware intern, this internship focused on exploring the intersection of the audio domain and PCB design, with an emphasis on creating circuits that can be embedded in devices for high-quality audio output.
- My role is to research and explore electronics fundamentals like circuit design, communication protocols, MPU & MCU systems, and circuit analysis.Bluetooth Technology,Designing Software Introduction, Audio and Sound technology, MICs etc .
- Gained practical experience - worked on ESP32 Microcontrollers, NRF241 wireless module , analog mic, Arduino uno, light sensor.

Vishwas Maritronics | Trainee 2022
Key responsibilities:

- During this project we learned that how we can show raw data of global positioning system (GPGGA), like latitude, longitude, UTC by pyqt5 GUI.
- Here we extracted information like latitude, longitude, UTC which are separated by " , " (comma) and then display those values along with display the GPGGA, and GPGSV string on a same window onGUI (pyqt5).

Achievements

2021-2022	Leading Cadet - in NCC got B grade in B and C certificate examination
2019	Zonal Youth Festival in college - group song - First rank
2021-2022	2 CATC camps held by NCC
2016	Basketball district level - First Rank

Hobby

- Swimming
- Volleyball
- Running
- Current Affairs
- Guitar intermediate player
- Western Singer

Languages

English
Hindi
Gujarati

Projects

- Smart Shopping Trolly
- String data Transfering using esp32 and nrf241 wirless module
- Ardunio uno interfacing with electric condenser mic ,BH1750 light sensor.
- Interfacing esp32 with analog mic and extrating audio data and playing it in speaker
- PCB Designing for wired headset with usb Type A , and usb Type C to pogo pin connector