

# Utkarsh Deoli

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📍 Dehradun, Uttarakhand

[GitHub](#)[Portfolio](#)[Twitter](#)[Mail](#)

## Career Objective

To contribute to an exceptional team in a dynamic production environment, leveraging my skills to develop solutions that benefit the broader community, while continuously learning and adapting to emerging technologies.

## EDUCATION

### Graphic Era Hill University

Computer Science and Engineering| B.Tech|2022-Present

- CGPA: 8.56/10
- Shouldered responsibility of a Class Representative.
- Won First Prize in CoDev TechAthon.
- Public Speaking.

### St. Theresa's School

Intermediate | PCM |2005-20

- First Division
- Shouldered responsibilities of a House Captain

## PROJECTS

01/2024

### Automated Irrigation System

- Made an IoT based irrigation system
- used ESP8266 for connectivity to internet and also microcontroller
- Hive MQTT for communication to and from the iot device
- Flutter app for the user side communication

09/2023

### Fire Detection and Prevention(IoT)

- **Description:** An IoT based Forest Fire detection system and Monitoring System
- Used IR Sensor and Humidity & Temperature Monitoring.
- Data is transmitted through RF module.
- The sensor's data is fed to Random Forest Algorithm predict forest fire.
- **Languages/Tools Used:** Arduino,Flutter, Weather API, Firebase, ML.

01/2023

### IoT Smart Home Devices.

- **Description:** Made Multiple IoT devices that connect to a central MQTT server hosted on home's Wi-Fi network to automate various home tasks.
- **Devices:** IoT switches, Motion Detected Lights, Gas Leak Sensor etc.
- **Languages/Tools Used:** Flutter, Mosquitto(MQTT), Linux,Esp8266,Esp32.

11/2021

### StudyFi

- **Description:** A FM radio App that works with internet, it supports Worldwide FM radios channels and using Audio Streaming you can listen to any of them on the go.
- **Languages/Tools Used:** Flutter, Figma.

## SKILLS

### TECHNICAL:

Languages:

C,Dart and Java.

Operating System :

Windows and Linux (Arch,Debian, Fedora)

IDE/Tools:

VS code, Android Studio, Arduino IDE, Git

### TECHNOLOGY:

Software Development:

Flutter, Firebase.

Embedded System:

Arduino Boards, Espressif Boards

### EXPERIENCE:

Freelanced at Fiverr:

2021

Arduino Developer- 7 Gigs Completed

Hacktober Fest:

2022-2023

18 Contributions.