



# SHIVANSH CHAUHAN

ECE engineer seeking to excel in embedded systems and IoT.

☎ +91 7456005172  
✉ [shivanshchauhan.228@gmail.com](mailto:shivanshchauhan.228@gmail.com)  
🌐 <https://github.com/Shivansh21git>  
📍 Sector 22, Gurgaon (H.R)  
🌐 [www.linkedin.com/in/shivanshchauhan2001](https://www.linkedin.com/in/shivanshchauhan2001)  
📁 <https://portfolio-shivansh.onrender.com>

## EDUCATION

### Bachelor of Technology

Aktu, Lucknow

2019 - 2023

### Intermediate

S. Devi. MIC (U.P board)

2017 - 2018

## EXPERTISE

Embedded system  
PCB designing  
IoT  
C++/C  
Embedded C  
Atmel studio  
3d Printing  
AutoDesk CAD  
AutoCad Eagle  
Proteus  
Esp/Raspberry Pi/Arduino

## EXTRA CURRICULAR

EES Member  
IEEE Member  
Youtube Channel  
Freelancing

## HOBBIES

Book Reading  
Content Creation  
Learning New Technologies

## LANGUAGE

English Hindi

## WORK EXPERIENCE

### Freelance (online Platforms) IoT/Embedded

I do freelancing with my small team and together we **design and develop** **iot** and **embedded** solutions for clients also on these platform I **teach** IoT, Embedded, PCB designing like skills with project based learning to students from India & Abroad(USA, Philippines, etc.)

### June23- Present Nokia Network Solutions, (sec18 Gurgaon)

#### Hardware Testing Engineer

Nokia network solutions provide Hardware repair support to all the network providers. I work here as a **Hardware engineer** in **5G** section, performing **Troubleshooting & debugging** operations on system module boards of bts like ABIO & ASIB.

## MAJOR PROJECTS

### KRISHI SARTHI

It is an IOT-based advanced soil nutrition & Health monitoring system. In this project, we used NPK sensor, DHT11, and Soil Moisture. It measures all these parameters and sends it to server data that can be visualized on the Mobile application. It also suggest best practice to the farmer.

### FALCON FIGHT DRONE

This drone has features like Face detection and a missile launching system, features for military & medical purposes. potassium nitrate face Recognition based electric missile is Integrated into the drone.

### ANTI THEFT VEHICLE SYSTEM

This is an anti-theft system for 2-wheelers that uses a gyro sensor to measure the deflection in the vehicle axis and compute the possible theft and alert the owner by sending SmS/calls..

## TRAINING/COURSES

- Embedded system & Robotics (IIT-B, Eyantra)
- IoT & PCB designing ( Hawaii Adda Aerial Innovation)
- Course completion certificates (coursera &Udemy)
- NCC 'B' Certificate

## ACHEIVEMENTS

- Got **GOLD MEDAL** in AKTU ZONAL FEST (Technical)
- Got **BRONZE MEDAL** in AKTU STATE FEST (Technical)
- Our team **got gov. funding** in Krishi Sarthi (1lakh rupee)
- Participated in Acropolis INDiNNOVATE
- 5th National IEEE project competition participation