SHIVANSH CHAUHAN

ECE engineer seeking to excel in embedded systems and IoT.

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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
Thnigspeak (cloud)
Esp/Raspberry Pi/Arduino

EXTRA CURRICULAR

EESS Member
IEEE Member
Youtube Channel
Freelancing

HOBBIES

Book Reading
Content Creation
Learning New Technologies

LANGUAGE

English Hindi

WORK EXPERIENCE

Freelance
(online Platforms)

IoT/Embedded Trainer
On this 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 Hardware repair support to all the network providers. I am working here as a Hardware service engineer in 5G section, performing testing & debugging operations on boards 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 (Hawai 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