



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
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

- Oct24-Present
Kumar Equipment India Pvt. Ltd.
Electronics & Automation Engineer (R & D Department)
I design and develop **PCBs** and **Electronics** from scratch, turning ideas into functional prototypes. My role focuses on innovation, precision, and advancing automation technologies at Coolmax Innovations.
- June23- Oct24
Nokia Network Solutions, (sec18 Gurgaon)
Hardware 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