



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

June23- Present
Nokia Network Solutions, (sec18 Gurgaon)

Hardware Engineer

Nokia network solutions Hardware repair support to all the network providers. I am working here as a **Hardware engineer** in **5G** section, performing testing & **PCB debugging** operations on boards like ABIO & ASIB.

IoT/Embedded Devloper (Freelance)

Jul22 - Aug22
Surya Roshini Pvt. Ltd.

PCB Department (Intern)

Srya Roshini is one of the leading manufacturer of lightning applications. I have worked in **PCB department** where all the Pcb boards come for component fabrication and Testing.

MAJOR PROJECTS

KRISHI SARTHI

It is an **IOT-based** advanced soil nutrition & Health monitoring system. In this project, we used **NPK sensor** 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