

# Yuvraj Singh Chauhan

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Ahmedabad, Gandhinagar, Gujarat

Detail-oriented, proactive, and adaptable individual with strong problem-solving and technical skills. Passionate, hardworking, and a quick learner, focused on continuous learning, innovation, and creating impactful solutions through technology. A collaborative team player and effective communicator.

## SKILLS

Git and GitHub	Linux Proficiency	Arduino, Raspberry Pi
Python, C/C++	Cyber Security and Social	Breadboard and Building Circuits
Bash and Shell Scripting	Engineering	Open Source Software

## EXPERIENCE

**Social Media Team** **September 2024 - Present**  
AAVESH IIT Una - The Technical Club

**Contributor and Repository Maintainer** **October 2022**  
Hacktoberfest 2022

**ATL Student Lead** **2022-23**  
Podar International School Ahmedabad

- Worked on hardware projects individually and as a team under the guidance of my Physics teacher.
- Learned how to work with different types of hardware resources and lookup documentation and manufacturer specification to create circuits and connections.

## PROJECTS

**SentinelScan** **February 2025**  
Created a static malware analysis website using Python for backend, fast-api for api creation and nginx to handle uploads to the server running locally. Allows for a quick and simple Safe or Dangerous analysis for everyday people.

**Malware Analysis Lab** **February 2025**  
Created a VMWare setup using remnux for testing malware. Part of a static malware analysis built during IIT Mandi KrackHack 2.0.

**Arduino RC Car** **Nov 2024**  
Designed and programmed an Arduino-powered RC car for the Robo-Soccer event at TechTatva 2k24, leading our team to victory with custom code and circuit design.

**Quadcopter** **Sept 2024**  
Built and successfully calibrated a quad-copter as a team during the Dronetech Workshop conducted by MeitY and NIT Jalandhar

**Python-SQL Connector** **Nov 2022 - Dec 2022**  
Created a graphical interface to run SQL queries. Used tkinter and MySQL

## EDUCATION

**Podar International School, Ahmedabad**  
Grade 10 & Grade 12  
All India Senior School Certificate Examination

**Indian Institute of Information Technology, Una**  
Bachelor of Technology  
Computer Science and Engineering(Cyber Security)

## CERTIFICATION

**CompTIA Security+ Cert Prep 2: Threat, Vulnerabilities, and Mitigations**  
LinkedIn Learning

**Dronetech : Exploring Drone technology ethics and applications**  
Ministry of Electronic and Information Technology and Dr. B. R. Ambedkar NIT Jalandhar