Ankur Chauhan

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# Skills

* **Languages**: C++, Java
* **Frameworks**: HTML and CSS, Bootstrap
* **Tools/Platforms**: Oracle DB, Kali Linux, Nmap, Wireshark’s, Metasploit, Social Engineering, Vs Code, FTK imager
* **Soft Skills**: Problem-Solving Skills, Team Player, Adaptability

# Projects

## Collaborative Development of a Life-Saving Device:

Designed and developed a cutting-edge vehicle safety device with advanced features like automatic SOS alerts, airbag deployment sensors, and real-time emergency notifications to police, hospitals, and fire services in case of accidents. Worked collaboratively with a partner to build the prototype, integrate sensors, and implement emergency communication systems, aiming to save lives and improve vehicle safety.

**Cybersecurity Awareness Project: "Safe Digital India"**

Objective:  
To educate both literate and illiterate people about online frauds and scams and help them stay safe in the digital world.

✅ Mobile App for Scam Alerts & Education:

* Developed a simple app with audio guides & alerts about recent fraud trends.
* Included a "Report a Scam" button to help victims take action

Internship

Code alpha: 10 march -10 June 2025

Skill: networking, windows, Linux, Operating System

✅ Task 1: Implemented Caesar Cipher for secure text encryption & decryption.  
  
 ✅ Task 2: Developed an Image Encryption Tool using pixel manipulation techniques.  
  
 ✅ Task 3: Built a Password Strength Checker to enhance user security.

# Certificates

* C++ programming language by Techvanto Academy July - 2024
* Digital Forensic Evidence by Coursera December - 2024
* Full Stack Web Development by Linkdin September - 2023
* Ethical Hacking Essential by Ec council with collaboration with Coursera August - 2022

# Achievements

## Worked with an Ngo as Volunteer Educator and Community helper:

Contributed my knowledge to teach small children and worked with government to clean forest.

## Mathematics Olympiad Participant:

Participated in Maths Olympiad for demonstrating strong problemsolving skills and mathematical aptitude.

## Participated in Yoga Competition :

Got certificate in yoga competition for best performer among the participant.

# Education

**Lovely Professional University** Punjab, India

* *Bachelor of Technology - Computer Science and Engineering Since August 2022*

**Haryana State Board Of Technical Education**  Haryana, punjab

* *Diploma :* ***cgpa -7.2*** *jan 2019 - july 2022*