

# GAURAV GUPTA

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## SUMMARY

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Dedicated and enthusiastic learner with keen interest in Data structures and Machine Learning.

## EDUCATION

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**Thapar Institute of Engineering and Technology – Patiala, India**

Sept 2020 - Present

Bachelor of Technology in Computer Science

CGPA: 8.07/10.0 [Current]

**12<sup>th</sup> – D.A.V. Public School, B.R.S. Nagar, Ludhiana, Punjab**

Mar 2019 - Mar 2020

Stream: Non-Medical, Percentage: 96.00%

## SKILLS

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**LANGUAGES & TECH:** C | C++ | Python | Java | R | HTML | CSS | JavaScript | SQL | OpenCV | Flask

**SUBJECTIVE KNOWLEDGE:** Data Structures And Algorithms | OOPS | DBMS | Operating System

**SOFT SKILLS:** Problem Solving | Communication Skills | Troubleshooting | Adaptability | Hardworking

## WORK EXPERIENCE

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**Defence Research And Development Organization (Delhi, India)**

*Job Title - Project Intern*

Jun 6, 2022 - Jul 27, 2022

- An automatic logo inserter application using OpenCV. This application takes an image and a logo that a user wants to insert. We used HTML, CSS and OpenCV at the backend and connected them using flask. A sqlite database was used to store images, logo and user credentials.

**Flynovate (Delhi, India)**

*Job Title - Cloud Engineer*

- Currently working on fault detection and automated cleaning of solar panels using drones and robots.

## PROJECTS

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**Heart Disease Prediction (Machine Learning)**

- Ensembling
- It is a portal which predicts whether the person has heart disease or not and which factor is contributing to the same using shapley values and permutation importance and is given a user interface using python and streamlit.

**KIDLY (Web Development)**

- HTML, CSS and JavaScript
- A comprehensive learning website for children. It is a very interactive and visually appealing site which will make learning fun and easy for children using games and quizzes.

## ACHIEVEMENTS

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- Ranked 81 out of 21000 on codechef in October Challenge 2021 Division 3 coding contest.
- Maximum rating on codechef is 1695.
- 4 star on Hackerrank in Python.