

# SAURAV KUMAR YADAV

## Computer Science Student

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## CAREER SUMMARY:

Passionate Computer Science student with hands-on experience in **C, C++, Python**, and basic **Java**, along with familiarity in **JavaScript**. Strong foundation in **Object-Oriented Programming, Data Structures**, and **Algorithms** with **solid problem-solving** and **debugging skills**. Experienced in coding with C++ and exploring feature development and bug fixing, eager to deepen understanding of cloud development. Actively learning new technologies and tools to contribute effectively in software development teams, committed to continuous learning and growth in Agile environments.

## PROJECTS:

- **Plant Disease Detection**
  - Collaborated in a team of 3 to build an ML-based system for detecting plant diseases from leaf images.
  - Contributed to **CNN model training** and **frontend-backend integration**, achieving high accuracy in classification.
  - **Tools/Tech: Python, TensorFlow/Keras, OpenCV.**
- **Student Management Console Project**
  - Developed a console-based application to manage student records (add, update, delete, search).
  - Applied **OOP principles** and file handling to ensure efficient data storage and error-free input management.
  - **Tools/Tech: C++ (OOP concepts, file handling).**
- **To-Do App with Session Management**
  - Built a task management web app with login and session persistence for secure access.
  - Implemented **CRUD operations** with **session-based authentication**, improving usability and security.
  - **Tools/Tech: HTML, CSS, JavaScript, Node.js, Express**

## EDUCATION:

### BACHELOR OF ENGINEERING (B.E.) – COMPUTER SCIENCE

2023 – 2027

CHITKARA UNIVERSITY, HIMACHAL PRADESH

CURRENT CGPA: 9.84

## SKILLS:

- **PROGRAMMING:** C, C++, PYTHON(LEARNING), JAVA, JAVASCRIPT
- **CORE CS:** OBJECT-ORIENTED PROGRAMMING (OOP), DATA STRUCTURES & ALGORITHMS (DSA), OPERATING SYSTEMS, DBMS
- **SOFTWARE DEVELOPMENT:** FEATURE DEVELOPMENT, BUG FIXING, DEBUGGING, CODE OPTIMIZATION
- **TOOLS & PLATFORMS:** GIT, GITHUB, JENKINS, DOCKER, LINUX
- **FRAMEWORKS:** REACT.JS, NODE.JS, EXPRESS
- **SOFT SKILLS:** PROBLEM-SOLVING (150+ LEETCODE PROBLEMS), COLLABORATION, ADAPTABILITY, FAST LEARNER