

KARAN SINGH RAWAT

☎ +91 9310546654 ✉ karansr09@gmail.com [in LinkedIn](#) [Github](#)

Education

Graphic Era Hill University, Dehradun

Masters in Computer Application (MCA)

2023 - 2025

8.0/10 CGPA

Maharshi Dayanand University, Rohtak

Bachelor's of Computer Application (BCA)

2020 - 2023

7.5/10 CGPA

Projects

Real Time Object Detection

- Implemented real-time object detection using the MobileNetSSD model with OpenCV's DNN module.
- Captured live video, preprocessed frames, detected objects with confidence filtering.
- Displayed video feed with detections and calculated FPS, allowed termination via key press.

Food Ordering site

- Implemented the react frame to create a website for ordering food.
- You can add food to cart then pay the amount and it will be delivered at your doorstep.
- NodeJs is used for handling the backend with the effective Mysql Database

Budget Tracking System

- Developed a Budget Tracking System in C to manage personal finances effectively.
- Implemented features to record income, expenses, and categorize transactions.
- Enabled real-time budget calculations and displayed financial summaries.

Technical Skills

Languages: Python, Java, C++, JavaScript

Backend: Django, Node.js

Frontend: React, HTML, CSS

Clouds & Databases: Oracle SQL

Developer Tools: VS Code, GitHub

Course

Data Structure in Java

- Have done a course on Data Structure in Java from the **Coding Blocks** where I learned the different data structure and how to implement them.
- Build networks and met people of similar interest.

Google Data Analytics

- Foundation of the data analytics, As the data is the most important resources.

Algorithmic Competitions/Achievements

- Solved **80** DSA problems from **Codechef**, building problem solving skills.
- An active member of **Google Developer Group (GDG) Dehradun** and take part in the workshop.