

YASHASVI CHANDRA

📍 Dehradun, Uttarakhand

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Education

Graphic Era Deemed to be University, Dehradun

B.Tech in Computer Science & Engineering

August 2022 – May 2026

9.3/10 CGPA

Skills/Coursework

- Data Structures and Algorithms
- Object-Oriented Programming
- Competitive Programming
- C++

Projects

Content Management System (July 2024)

[Github](#)

- Built a Content Management System (CMS) using a combination of frontend and backend technologies with proper authentication.
- The CMS includes a blog template (for now) that facilitates easy creation, editing, and deletion of posts.
- Users can host their blog sites and manage content effectively through a user-friendly interface.
- **Tech Stack:** *Frontend* : EJS, HTML, CSS, JavaScript, Canva, *Backend* : Express.js, Node.js, PostgreSQL, npm

Object detection using Deep learning (May 2024)

[Github](#)

- Developed a complete web app of Object recognition model using **YOLOv8** and to recognize objects from input image and video stream.
- It is able to detect objects in the input image in which the result can be downloaded.
- It can also identify objects in real time through video stream
- **Tech Stack:** Python, HTML, CSS, JavaScript, Flask

Brain Tumor Detection (November 2023 – December 2023)

[Github](#)

- Created a brain tumor detection model using multiple libraries like **Keras, Numpy, Pandas** and **Conv2D** layers to accurately identify brain tumors in medical images.
- Takes an MRI image as input and indicates whether it contains a tumor or not.
- Trained on a dataset of 3000 images, with 1500 images containing tumors and 1500 normal MRI images.
- Achieved an accuracy of 96.02% after modifications and training on multiple datasets.
- **Tech Stack:** Python, Flask, HTML, CSS, JavaScript

Technical Skills

Languages: C, C++, JavaScript, Python, Java

Backend: Node.js, Express.js

Frontend: HTML, CSS, Bootstrap, EJS

Cloud & Databases: PostgreSQL

Developer Tools: Postman, VS Code, GitHub, Canva

Achievements

- Selected for J.P Morgan Code for Good hackathon
- Secured **Rank 5/300+** teams nationally in Code Cubicle Hackathon.
- Class 12th: Scored among 0.1% students in CBSE in Physical Education
- Class 10th: Scored among 0.1% students in CBSE in Science

Coding Platforms

- Codeforces: Max Rating **1179**, Solved **100+** problems
- LeetCode: Max Rating **1504**, Solved **300+** problems

Certifications

- C Programming: Master the C Language

Extra Curricular

Volunteering

- **Zerone 3.0:** Selected among 90 volunteers to carry out the biggest event of the college.