

# Dikshant Singh Chib

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[**https://github.com/DikshantSinghChib/BtechProjects**](https://github.com/DikshantSinghChib/BtechProjects)

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| **ACADEMIC D**  **Year** | **ETAILS**  **Degree/Exam** | **Institute** | **GPA/Marks(%)** |
| Aug, 2022 - Present B.TECH in Computer Science Graphic Era University Dehradun 9.15/10 | | | |
| 2022 | 12th, C.B.S.E | Romex International School | 83.8 % |
| 2020 | 10th, C.B.S.E | Army Public School | 75.6 % |
| **PROJECTS** |  |  |  |

* **Object Detection in video surveillance system** (Sep, 2023 - Dec, 2023): Developed a machine learning- based object detection system. In this project, I was using cv2 (for reading the frames and performing tasks), random (for generating random colors for boundaries), Yolo v8 (a pre-trained model), and matplotlib.pyplot for plotting the graphs.
* **Video Gesture Recognition** (March 2024 – June 2024): This involves identifying sign language in real-time videos, charting hands with Matplotlib, making decisions using a Random Forest classifier, and using the sklearn, numpy, cv2, and pickle modules.
* **Video anomaly Detection** (Oct, 2024 – Jan,2025): Developed a mobile netv2 model for ML . Tensflow will be used for model importation in this project, along with ThreadPoolExecutor for multiprocessing and faster model training, numpy, openCv2, sklearn for test\_train\_split (a "Holdout validation technique") and Tkinter for creating a Python interface.
* **Personal Web Development Portfolio** (Feb 2025 – Mar 2025) : Created a responsive portfolio website that features projects in AI, ML, and web development. HTML, CSS, and JavaScript were utilized in the development process to create an intuitive user interface with smooth animations. The portfolio offers an interactive experience with smooth navigation and is conveniently hosted on GitHub Pages.

**TECHNICAL SKILLS**

* **Languages Python** , **Java** , **c++**(proficient), **C**(proficient).
* **Tools and Frameworks** VS Code,Code block, Git, Github,Google Colab
* **Machine Learning Tools** Numpy, Matplotlib, OpenCV,Tensorflow, Keras,sklearn .
* **Competitive Programmer** Problem-Solving, Algorithms and Data Structures, Problem Analysis and Opti- mization .

**SCHOLASTIC & CO-SCHOLASTIC ACHIEVEMENTS**

* **Leetcode -** Solved 300+ questions.
* **Artificial Intelligence with python -** Training programn by coincent

**CERTIFICATIONS**

# Coursera -

* 1. Python for Everybody (https://coursera.org/verify/Y3Y6LW6R4MUK)
  2. Responsive Website Basics: Code with HTML, CSS, and JavaScript (https://coursera.org/verify/5QLK5F7NXGTT) 3.Introduction to Git and GitHub (https://coursera.org/verify/J56Z854NZA6F)