

Devansh Mittal

+91 6395256246 | devansh.mittal2021@vitbhopal.ac.in | LinkedIn: [devanshmittalexe](#) | GitHub: [devanshmittalexe](#)

Education

VIT Bhopal University

Int MTech

Major in Computer Science; Minors in Artificial Intelligence and Machine Learning

Cumulative GPA: 8.85/10

Bhopal, Madhya Pradesh

Expected May 2026

12th Standard

Radha Madhav Public School

CBSE

GPA: 76.6%

Bareilly, Uttar Pradesh

Jul 2021

10th Standard

Radha Madhav Public School

CBSE

GPA: 83%

Bareilly, Uttar Pradesh

Jul 2019

Projects

Solar Panel Detection using Deep Learning

Feb 2024 – May 2024

- Developed a deep-learning based object detection model for effectively detecting solar panels in remote sensing images of dense Indian terrain.
- Coded a python script to collect real world data to create custom dataset consisting of 675+ images using OpenCV.
- Technologies used- Python, OpenCV, Roboflow, LabelImg, Mediapipe.
- Project Link: https://github.com/devanshmittalexe/Solar_panel_detection_in_satellite_images

Sign Language Detection using Machine Learning

Jun 2022 – Sep 2022

- Implemented a machine learning model to accurately classify hand gestures from 0-9 for sign language recognition.
- Developed a data collection pipeline and wrote scripts to capture and preprocess hand gestures. Collaborated with hostel mates to collect diverse gestures samples, improving model generalization.
- Technologies used- Mediapipe, OpenCV, Python, TensorFlow.
- Project Link: <https://github.com/rahuln2002/Sign-Language-Recognition-using-LSTM-model>

Technical Skills

- Programming Languages: C/C++, Java, JavaScript, Python.
- Databases: MySQL
- Libraries: OpenCV
- MS Office

Co-curricular

Competitive Programming & Problem Solving

- Solved 300+ problems on [LeetCode](#) with a global rank under 350k.
- Currently solving Striver's A2Z DSA Sheet (ongoing).
- Participated in 10+ [CodeChef](#) contests with a highest rating of ~1350.
- Earned 3-star rating in C++ on [HackerRank](#).

Certifications

- SmartBridge Full-Stack MERN course with MongoDB certification.
- Applied Machine Learning in Python by Michigan University on Coursera.

Feb 2025 – Apr 2025

Oct 2022 – Feb 2023

Additional Achievements

- Silver Medalist (Top 5%) in NPTEL Cloud Computing by IIT Kharagpur.

Additional

Hobbies: Solving Rubik's Cube, Learning Finance, Electronics.

Languages: Hindi, English.