



Akash Singh Thagunna

Contact

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Programming Skills:

- HTML, CSS, JavaScript, React
- MySQL
- Python
- Machine Learning
- Computer Vision

Python Libraries

- Numpy
- Scipy
- Pandas
- Matplotlib
- Seaborn
- Scikit-learn
- Scikit-image
- PIL
- OpenCV
- Keras
- Tensorflow
- PyTorch

Career Objective

Seeking a position in the field of Computer Vision and Machine Learning to enhance my programming and technical skills to contribute towards the emerging technology of Artificial Intelligence.

Education

Degree/ Certificate	Board/ University	School/ College	Year of passing	Percentage Obtained
B-tech (ECE)	GGSIU	Guru Gobind Singh Indraprastha University	2019	71
12th	CBSE	K.V – 2, Delhi Cantt	2015	65.8
10 th	CBSE	K.V MEG & Center Bangalore	2013	80

Soft Skills:

- Project management
- Integrity
- Adaptability
- Relationship building
- Leadership
- Self motivated
- Innovative
- Problem-Solving

Hardware:

- AVR
- Arduino Uno
- Raspberry Pi

Projects

- Vehicle Tracking and Counting (using OpenCV, Python).
- Image Background Removal (Using U2-Net model and GrabCut).
- Human Motion detection (Using Python and CNN).
- Face Expression detection.
- Multiple Object Detection.
- Facial Features detection with Python (OpenCV & CNN).
- Image filtering with kernels (using OpenCV, Python).
- Student Literary Management System Using Python (ML).
- Surveillance robot (using Python and Raspberry Pi).
- Automatic Water Tank Filling System using Arduino.
- Line Following and Bluetooth Controlled robot using Arduino
- Edge Detector robot using AVR

Hobbies

- Programming
- Learning
- Teaching
- Adventuring
- Playing PC Games