

# ASHUTOSH KUMAR SINGH

## ACADEMIC PROFILE

Degree/Certificate		Institution				Percentage/CGPA	Year
B-Tech		Electronic Engineering IIT (BHU), Varanasi				9.25	2023
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
9.94	9.37	9.17	8.61	-	-	-	-
CBSE (XII)		Kendriya Vidyalaya Chhatarpur, M.P.				97.20	2018
CBSE (X)		Kendriya Vidyalaya Chhatarpur, M.P.				95.00	2016

## SKILLS

- **Languages Known** : C,C++, Basics of Python, HTML, CSS, Javascript.
- **Technologies** : Visual Studio Code, Git, Sublime Text, Google Colab.
- **Areas of Interest** : Data Structures, Algorithms, Web Development, Competitive Programming.

## PROJECTS

### Registration Website

Jun-July 2021

#### Self Project

- Built a basic registration website for gym registration.
- Used HTML, CSS, Javascript for building user interface.
- Added various html pages like home, About Us, Calculate BMI, Time Table in navbar.
- Used CSS flexbox for various items to align into a container.
- **Exposure** : HTML, CSS, Javascript.
- **Link** : [Gym Website Project](#)

### Human Emotion Detector

Mar-Apr 2021

*Built a Human Emotion Detector which takes input from live video feed and detects the faces present at each instant and predicts emotions i.e. happiness, fear, sadness, disgust, anger, surprise and neutral.*

- Used the Kaggle FER-2013 dataset.
- Used Haar-Cascade Classifier for detection of faces.
- Built and trained a CNN model for emotion detection.
- **Exposure** : OpenCV, Tensorflow, CNN, Face Detection.
- **Link** : [Human Emotion Detector](#).

## HONOURS AND ACHIEVEMENTS

### Academics

- Got Branch Change after first semester.
- Secured a place among top 1 percentile students in JEE MAINS 2019.
- 3\* coder on Codechef | Max Rating : 1664 | Handle : a\_s\_h\_u\_2\_9.
- Pupil on Codeforces | Max Rating : 1409 | Handle : ashuKS29

### Science Quiz

- Got 1st position in Regional Level Science Quiz held at K.V. Ambajhari, Nagpur.
- Represented Jabalpur Region in National Level Science Quiz held at K.V. Malleswaram, Bangalore.

## EXTRA-CURRICULAR ACTIVITIES

- Participated in Codigo '20 and '21, a Competitive Programming event conducted by the Department of Electrical engineering.
- Attended scout camps at different Kendriya Vidyalayas of Jabalpur Region.

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