

# Neha Singh

singhneha750027@gmail.com || +91 9702130733

## ACADEMIC PROJECTS:

### ❖ **YogGEEK Virtual Yoga Trainer - Computer Vision Based Website**

Develop a Virtual yoga trainer built with Python that uses machine learning models, computer vision techniques, and other technologies to provide yoga routines and real-time feedback to users. – HTML5, CSS, JavaScript, Python, Flask, OpenCV, Mediapipe, Flask, Numpy

### ❖ **Sign Language Recognition – Detecting Sign Characters in Real Time**

Develop a project that aims at building a machine learning model that will be able to classify the various hand gestures used for fingerspelling in sign language, machine learning algorithms are trained using a set of image data and testing is done on a completely different set of data. – Python, Mediapipe, Numpy, OpenCV, Tensorflow

### ❖ **The Coffee House – E-Commerce Based Web Application**

Develop a dynamic web application incorporates the latest technologies, with MongoDB as the database, Express.js for server-side handling, HTML & CSS and Bootstrap for the frontend user interface, and Node.js to power the backend, the website boasts seamless functionality and responsiveness. – HTML5, CSS, JavaScript, NodeJs, ExpressJs, MongoDB

## EDUCATION:

### ❖ **Bachelor of Engineering in Artificial Intelligence and Data Science** ( CGPA: 9.18 ) / 2021 - Present Vidyavardhini College of Engineering and Technology

### ❖ **Higher Secondary School** ( PERCENTAGE: 94.33% ) / 2021 Nirmala Memorial Foundation College of Commerce and Science

## EXPERIENCE:

### ❖ **Community Captain | Zuno** (Jun '12 – Jun '23 )

A Community Captain is a key campus ambassador for a company, responsible for raising brand awareness and engaging with students through events, social media, and promotional activities at colleges or universities.

## ACHIEVEMENTS:

### ❖ **YogGEEK Virtual Yoga Trainer**

Secure 2nd position in Vcet's National Level project showcase Competition in Track 4 of AIML & Robotics.

## SKILLS:

- |                    |                     |
|--------------------|---------------------|
| ❖ ReactJs          | ❖ OpenCV            |
| ❖ NodeJs           | ❖ Data Science      |
| ❖ ExpressJs        | ❖ C/C++ Programming |
| ❖ MongoDB          | ❖ Python            |
| ❖ Machine Learning | ❖ Git               |

## POSITION OF RESPONSIBILITY:

### ❖ **Media Head | Training & Placement Cell** (2023 – Present)

I played a crucial role in connecting with companies, creating internship and job opportunities, and successfully organizing events such as "Udam Sayam" that foster student-alumni-recruiter connections and personal and professional growth.