

Utkarsh Shivhare

 Portfolio |  Utkarsh |  Utkarsh |  utkarshshivhare26@gmail.com |  +91 8960370500

Education

MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE AND
ENGINEERING

2025 | 7.2 CGPA | Gorakhpur, India

CHINMAYA VIDYALAYA SCHOOL

INTERMEDIATE

2021 | 96.8 % | NTPC Unchahar
Raibareli, Uttar Pradesh, India

CHINMAYA VIDYALAYA HIGH SCHOOL

2019 | 92.2 % | NTPC Unchahar
Raibareli, Uttar Pradesh, India

Skills

Languages:

Python • C • C++ • Java • SQL

HTML • CSS • JavaScript

Development:

Machine Learning • Computer Vision

Artificial Intelligence

Web Development(Front-end)

Python Libraries:

Opencv • Tensorflow • YOLO

Pytorch • Scikitlearn • Matplotlib

Selenium • Scrapy • Flask

FAMILIAR:

Git • GitHub • Linux • MongoDB • AWS

Drone • Fixed Wings • ESP32 • GCP

Jetson Nano • Raspberry pi • Arduino

Software:

Autodesk Fusion 360 • Mission Planner

Courses

UNDERGRADUATE

- Programming Fundamentals
- Data Structures and Algorithms
- Object Oriented Programming

OTHER COURSES

- Machine Learning and Deep Learning
- C++ as a Competitive Programming Language

Achievements

- Aerothon 2023:// Phase-1 **AIR-10** and National Finals **AIR-4**
- E-Yantra 2023-24 (IITB):// **Qualified** Phase-2

Experience

TRAILYTICS | PYTHON DEVELOPER - PRINCIPAL DATA SCIENTIST

Feb 2023 | Remote

- Specialized in advancing **Web Scraping**, **Web Automation**, and **Sales Prediction** boosting efficiency by **25%**.
- Handled a team of **10-15 members**.
- Collaborated with clients like **Nivea**, **Mondelez**, **Mars**, **Wipro**, **Himalaya**.

AIPROFF | ML IoT ENGINEER

Dec 2024 | Remote

- Implemented **Edge-AI** on various ARM boards (**Jetson Nano**, **Raspberry Pi**)
- Worked on **Computer Vision**, **fine-tuning** models for a **96%** accuracy boost.
- Developed a range of efficient **IoT devices**, optimizing both cost and performance by **20-30%**.

ATIGRO | AUTOMATION AND AI ENGINEER

Nov 2023 | Remote

- **Automated 30+** web tasks with efficiency.
- Contributed to developing a variety of **AI tools** optimized by **10-15%**.

Projects

AI DRONE CONTROLLING | [Code](#)

- Utilized **Edge-AI technology** in drone manufacturing.
- Built an object detection model with **YOLO framework**, achieving **93.8%** accuracy.
- Developed a **30% more compact**, **industry-ready drone** and established communication with an ARM board.

IMAGE CAPTIONING | [Code](#)

- Implemented **Natural Language Processing (NLP)**.
- **Fine-tuned Pre-trained model** to extract features of an image by **98%**.
- Created **84% accurate Image Captions** utilizing image features.

CARS PRICE PREDICTION | [Code](#)

- Created this to **predict Cars Price** according to **20+** Features.
- Implemented **Linear Regression** for machine learning, achieving **82%** accuracy.
- Performed data formatting, utilized **50+** graphs for analysis.

CODING PLATFORMS

- Leetcode:// **aspirers04** (Completed Question **500+**)
- Codeforces:// **aspirers04** Newbie (max rating **1044**)
- Codechef:// **aspirers04** 2 star (max rating **1457**)

POSITION OF RESPONSIBILITIES

SAE COLLIGEATE CLUB MMMUT CHAPTER | EXECUTIVE MEMBER

SPORTS SUB COUNCIL MMMUT | EXECUTIVE MEMBER