

# ROHAN BAGE

Mumbai, Maharashtra

+91-8208666931

rohan.bage@vit.edu.in

Linkedin

Github

## EDUCATION

Vidyalankar Institute of Technology

B.Tech - CGPA - 9.49

2022 - 2026

Mumbai, India

Defence Services Jr. College

HSC - Science - Percentage - 89.5%

2020 - 2022

Bhandara, India

Yashodham Public School

SSC - Percentage - 88%

2020

Malkapur, Buldhana, India

## COURSEWORK / SKILLS

- DSA
- Artificial Intelligence
- Machine Learning
- LLMs
- PyTorch & Tensorflow
- Web Development
- Audio processing
- NLP
- Unity 3d Engine
- YOLO
- GenAI

## Experience

Kloudstac

Dec 2024 – Mar 2025

AI & Cloud Research Intern

Remote

- Authored detailed technical documentation on advanced AI models and cloud computing architectures.
- Conducted focused research on Generative AI tools, cloud-based ML services, and scalable deployment strategies.
- Supported internal training programs and content creation for AI/ML education initiatives.

## Projects

DraupadiAI | Python, Librosa, PyAudio, TensorFlow, ReactJS

Oct 2024

- Built a personal safety application with voice-based emergency detection and gesture-triggered SOS features.
- Trained audio classification models to detect distress calls with 92% accuracy and trigger automated alerts.
- Implemented GPS-based alert system and integrated a LLaMA-powered chatbot for real-time crisis support.
- [Demo video here](#)

Wildlife Detection System | Python, Streamlit, YOLOv8, OpenCV

Aug 2024 – Dec 2024

- Developed a real-time animal detection app using YOLOv8 for forest surveillance and conservation.
- Fine-tuned the model on regional species like tigers and elephants; deployed using OpenCV and Streamlit.

RainVision | Python, Streamlit, OpenWeather API, Leaflet.js

Aug 2024 – Dec 2024

- Created a weather forecasting web app displaying 5-day rainfall data using OpenWeather API.
- Used Leaflet.js for interactive geolocation-based mapping and real-time forecast rendering.
- Filed a copyright for the RainVision application to protect its design and functionality.

## Technical Skills

Languages: Python, Java, C, SQL, JavaScript, HTML, CSS

Frameworks & Libraries: TensorFlow, PyTorch, Hugging Face, Flask, OpenCV, Streamlit, Django

Tools & Platforms: GitHub, VS Code, Eclipse, Unity, MySQL, PostgreSQL

Specializations: Machine Learning, LLMs, Generative AI, NLP, AI

## Achievements and Certifications

- Solved over **250 coding problems** across LeetCode and GFG with a **LeetCode Rating of 1597**. [\[View Profile\]](#)
- Filed a **copyright** for RainVision, a geolocation-based weather visualization tool. [\[View Certificate\]](#)
- Earned **Unity Essentials** and **Junior Programmer** certifications showcasing skills in Unity development. [\[Essentials\]](#) — [\[Junior Programmer\]](#)
- Ranked in the **Top 10%** of my college for academic excellence.
- Secured a place in the **Top 32** at **Mumbai Hacks**, the world's largest GenAI hackathon, which set a **Guinness World Record**.
- Completed the **5-Day Generative AI Program** by Google DeepLearning.AI and Kaggle. [\[View Certificate\]](#)