



Vedant Ghumade

Bachelor of Technology (B.Tech)
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GitHub Profile

LinkedIn Profile

Portfolio Website

EDUCATION

- Pimpri Chinchwad College of Engineering, Pune** 2021-present
Bachelor of Technology in Computer Engineering (B.Tech) CGPA: 8.26
- Adarsh Sanskar Vidyalaya and Jr. College, Nagpur** 2019-2021
11th – 12th Percentage: 97.5
- St. John's High School, Wardha** 2009-2019
1st – 10th Percentage: 91.4

PROJECTS

- Vehicle Detection and Traffic Assessment using Deep Learning Techniques** Present
Developed an advanced deep learning-based system for real-time vehicle detection and traffic assessment using YOLO11.
 - Designed a pipeline for real-time traffic monitoring using live video feeds.
 - Trained the model on an Indian vehicle dataset to enhance detection accuracy for regional traffic conditions.
 - Technology Used: YOLO11, OpenCV, PyTorch, Python, Flask, Google Sheets
- ChatBlaze - Realtime Chat App** Jan - Feb 2024
A React-based web application that allows users to chat in real time.
 - Used Firebase Authentication to facilitate authentication & Real-time messaging with Firestore Database.
 - Technology Used: React, Vite, Firebase Authentication, Firestore Database, Firebase Storage, Firebase Hosting
- Fashion Recommender System** Aug - Sep 2023
A fashion recommendation system that uses image feature extraction and machine learning for personalized suggestions.
 - Leveraged Python and TensorFlow with ResNet50 for image feature extraction and Nearest Neighbors for recommendations.
 - Technology Used : Python, TensorFlow, Streamlit

CERTIFICATIONS

- AWS Cloud Practitioner Essentials** by AWS Training and Certifications
- MongoDB Node.js Developer path Certification** by MongoDB
- Postman API Fundamentals Student Expert Certification** by Postman

TECHNICAL SKILLS

- Programming Languages:** Java, Python, JavaScript, SQL
- Web Technologies:** HTML, CSS, Tailwind CSS, React JS, Python-Flask
- Libraries and Frameworks:** React JS, Node JS, Express JS, Mongoose, RESTAPI
- Databases:** MongoDB, MySQL
- Version Control:** Git, GitHub
- Operating Systems and Commands:** Windows, Linux Commands
- DevOps tools:** Docker

TECHNICAL ACHIEVEMENTS

- Second Runner up in Innovate360 Hackathon
- Contributed to a local open-source project by developing the front-end of a website for a small business