



KANIKA JADHAV

CONTACT

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EDUCATION

B. TECH ELECTRONICS AND TELECOMMUNICATION • 2021-2025

Vishwakarma Institute of
Information Technology, Pune

SENIOR SECONDARY • 2019- 2021

DG Ruparel Collage, Mumbai

SECONDARY • 2018-2019

SPH High School, Bordi

TECHNICAL SKILLS

C++
DSA
JAVA
Multisim | Proteus | Keil
Analytical
Presentation
Communication

LANGUAGES

English
Hindi
Marathi

PROFILE

Tech-driven EnTC student sparks with enthusiasm, seeking a stimulating challenge. Adept in C++, DSA, Java, and circuit simulation. Collaborative spirit fuels growth, both personal and organizational.

PROJECT

COVID-19 Chest X-ray Detection:

Developed a high-accuracy (95%) COVID-19 detection model using Convolutional Neural Networks (CNNs). Trained on a large dataset of chest X-ray images, the model effectively distinguished between normal and COVID-19 cases. This skill demonstrates deep learning proficiency and potential for healthcare-related applications.

Object Detection and Classification with YOLO:

Successfully implemented the YOLO algorithm to create a real-time object detection and classification model with 94% accuracy. The model effectively distinguished among men's orthodox hair, Black women, and cats, showcasing your expertise in computer vision and object recognition.

IoT-Based Fish Monitoring System:

Designed and built a smart fish monitoring system using sensors and a servo motor. This innovative system measured water temperature and level, and even automated fish feeding, demonstrating your aptitude for practical IoT applications.

EXTRA CURRICULAR ACTIVITIES

- **CHAIRPERSON** • Sep 2023- Present | IEEE VIIT Student Branch
- **ASSOCIATE EVENT MANAGER** • Feb 2023- Sep 2023 | IEEE VIIT Student Branch
- **JT. LILAWATI AWARD HEAD** • Aug 2022- May 2023 | Woman Empowerment Cell, VIIT