

# Dhananjay Rana

Phone: +91 9541377772 | Email: [ghananjanayrana24@gmail.com](mailto:ghananjanayrana24@gmail.com)

Git Hub\_ID: <https://github.com/ranadhananjay242003> | LinkedIn\_ID: [linkedin.com/in/dhananjay-rana063086270](https://www.linkedin.com/in/dhananjay-rana063086270)

## Education

VIT Bhopal University	Bhopal, Madhya Pradesh
B. Tech	Expected May 2026
Major in Computer Science and Engineering	
Cumulative GPA: 8.47/10	
12 <sup>th</sup> Standard	May 2021
DAV Public School	Yamuna Nagar, Haryana
CBSE Percentage: 94.5%	
10 <sup>th</sup> Standard	May 2019
DAV Public School	Yamuna Nagar, Haryana
CBSE Percentage: 92.8%	

## Projects

### VITAS

- VITAS is a 5-member led project where we developed a event management system for our university that helps the organizers as well as the participants for a smooth and easy event organization.
- Simplify event management with a user-friendly platform for organizers and attendees.
- You can browse events, view details, register, create/manage events, secure authentication.
- Technological Stack includes HTML, CSS, JS, React.js for frontend; Express.js, MongoDB for backend.
- The project paved the path for me to learn how to work in a collaborative environment and group harmony

### OpenCV-Based Face Detection System with MySQL Database

- Led a 5-member team in developing a 95% accurate facial recognition system using Python, OpenCV, MySQL, and Tkinter, overseeing a dataset of 13,000 images.
- Achieved precision via algorithm tuning and advanced image processing, optimizing the model with a substantial dataset, requiring only 1 image to process.
- Deployed a comprehensive technology stack to craft an efficient, user-friendly solution, prioritizing seamless GUI integration and robust data privacy measures, achieving a 3% faster performance than the previous version.

## Additional

**Coding Languages:** Python, C, C++, HTML, JavaScript

**Technical Skills:** Machine Learning , Data Science, Pandas, Data Structures and Algorithms, , TensorFlow, NumPy

**Certifications & Training:** 1. Supervised Machine Learning : Regression and Classification , Coursera

- Bits and Bytes of Computer Network, Coursera
- Hack-ON With Amazon, Unstop
- Udemy courses on Python
- Cloud Computing, NPTEL
- Python Essential, VIT

**Languages:** English, Hindi, Punjabi.

## Activities

- Guided a team in the Future\_Wear Hackathon, overseeing the deliberate design and development of data models incorporating 5 algorithms
- At Present , Engaging with Different kind Of Data Structures problems On Leet Code.
- Practicing Python Questions On Hacker Rank
- Exploring in the world of Machine Learning with Different Algorithms, Machine learning Models.
- Engaging With Some Concepts of Artificial Intelligence and Data Science.

## Responsibilities

- Volunteered for the Gujarati club, actively contributing to a diverse set of cultural events (3+) throughout the year.
- Played a significant role in the Sports club, actively engaging in sports events (2+) and organizing (2+) them
- Affiliated as a dedicated dancer, contributing to and participating in performances (2+) throughout the year.

## Hobbies

- Travelling
- Dancing
- Event Management