

DIVYANSH CHAUDHARY

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Education

VIT Bhopal University <ul style="list-style-type: none">B.Tech in Computer Science and Engineering CGPA: 9.26	Oct 2022 – Present
Delhi Public School Agra UP (CBSE) <ul style="list-style-type: none">Class XII Percentage: 87.6%	Jul 2022
St. George's College Agra UP (ICSE) <ul style="list-style-type: none">Class X Percentage: 91.0%	Jul 2020

Technical Skills

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

Analytics & ML: Machine Learning, Predictive Modeling, Keras, TensorFlow, Scikit-learn, OpenCV, YOLO, Matplotlib

Databases: MySQL, Database Design

Tools & Platforms: Git, GitHub, Android Studio, Jupyter Notebook, Google Colab

Technical Projects

MindTunes : An Advanced Cognitive Behavioral Therapy Model Machine Learning <ul style="list-style-type: none">Developed a ML model that evaluates a student's mental well-being based on lifestyle and behavior data.To help students with insights into their psychological state and how daily habits impact sleep, academics, and social life.Aimed to offer actionable feedback for improved mental health management.Tech Stack: Python, Ensemble Learning (Bagging), Scikit-learn, Matplotlib	Aug 2024 - Apr 2025
Detecto : Real-Time Object Detection System Machine Learning <ul style="list-style-type: none">Created a real-time object detection system for recognizing and labeling everyday items via camera feed.Built a foundational computer vision tool with potential applications in surveillance, automation, and accessibility.Demonstrated proficiency in real-time image processing and deep learning model deployment.Tech Stack: Python, YOLO, OpenCV, TensorFlow	Jan 2024 - Mar 2024
MoodTunes: Emotion-Based Music Recommendation Engine Machine Learning <ul style="list-style-type: none">Developed a facial emotion recognition model using CNN in TensorFlow and OpenCV.Integrated the model with a music recommendation engine using Spotify to generate mood-based playlists.Achieved real-time emotion prediction latency on webcam input.Tech Stack: Python, CNN, Keras, OpenCV, TensorFlow	Aug 2023 – Oct 2023

Achievements & Certifications

- Oracle Database SQL Certified Specialist – Oracle** – Recognized as a Certified Specialist with proficiency in database management and SQL.
- Marketing Analytics – NPTEL (Silver Medalist)** – Top 5% of 1544 with analytics and strategy proficiency.
- Cloud Computing – NPTEL (Silver Medalist)** – Top 5% of 23872 with cloud infrastructure expertise.

Extracurricular Activities

Joint Secretary PI Mathematics Association VIT Bhopal University <ul style="list-style-type: none">Led the PI Mathematics Association, organizing workshops, mentoring peers, and teaching core concepts to enhance mathematical thinking across 10+ events.	2024 – 2025
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