

# DIVYANSH CHAUDHARY

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## EDUCATION

<b>VIT Bhopal University</b> <ul style="list-style-type: none"><li>B.Tech in Computer Science and Engineering   CGPA: 9.17</li></ul>	Oct 2022 – Present
<b>DELHI PUBLIC SCHOOL AGRA UP (CBSE)</b> <ul style="list-style-type: none"><li>Class XII   Percentage: 87.6%</li></ul>	Jul 2022
<b>ST. GEORGE'S COLLEGE AGRA UP (ICSE)</b> <ul style="list-style-type: none"><li>Class X   Percentage: 91.0%</li></ul>	Jul 2020

## SKILLS

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

**Tools & Frameworks:** Android Studio, Git, GitHub, TensorFlow, Scikit-learn, OpenCV, YOLO

**Databases:** MySQL, Firebase

**Soft Skills:** Problem-Solving, Leadership, Communication Skills, Time Management

## PROJECTS

<b>MINDTUNES: An AI-Based Cognitive Behavioral Therapy System</b> <ul style="list-style-type: none"><li>Created a Python-based model to assess emotional states using behavioral input.</li><li>Implemented Bagging ensemble techniques to improve prediction accuracy.</li><li>Designed an intuitive UI for mental well-being assessment using HTML/CSS and Flask backend.</li></ul>	Aug 2024 - Apr 2025
<b>DETECTO: Real-Time Object Detection System</b> <ul style="list-style-type: none"><li>Built a real-time object detection system using YOLOv5 and OpenCV with Python.</li><li>Trained on a custom dataset Google Colab and PyTorch backend.</li><li>Achieved high accuracy with real-time prediction capabilities.</li></ul>	Jan 2024 – Mar 2024
<b>MOODTUNES: Emotion-Based Music Recommendation Engine</b> <ul style="list-style-type: none"><li>Developed a facial emotion recognition model using CNN in TensorFlow and OpenCV.</li><li>Integrated the model with a music recommendation engine using Spotify to generate mood-based playlists.</li><li>Achieved real-time emotion prediction latency on webcam input.</li></ul>	Aug 2023 – Oct 2023

## CERTIFICATIONS

<b>DevOps Fundamentals – IBM:</b> Certified in core DevOps practices.	May 2025
<b>Marketing Analytics – NPTEL:</b> Gained skills in analytics and insights.	Jan - Apr 2025
<b>Cloud Computing – NPTEL:</b> Gained knowledge of cloud technologies.	Jan - Apr 2024

## EXTRA CURRICULAR & LEADERSHIP

<b>Joint Secretary, PI Mathematics Association</b> <ul style="list-style-type: none"><li>Led 10+ events, mentored peers, and demonstrated team leadership.</li></ul>	2024 – 2025
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## ACHIEVEMENTS

- 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.