

# Arpita Rajput

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## Education

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### VIT Bhopal University

Integrated M tech CSE (Data Science and Computational)  
Cumulative CGPA: 8.82/10

Bhopal, Madhya Pradesh

Expected June 2027

### Govt. Higher Secondary School Talen (12<sup>th</sup> Standard )

MP Board Cumulative percentage: 92.4%

Talen (Rajgarh) MP

March 2022

### Govt. Girls High Secondary School Talen(10<sup>th</sup> Standard )

MP Board Cumulative percentage: 97%

Talen (Rajgarh) MP

May 2020

## Technical Skills and Tools

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Java , Python , R , DSA (Java) , SQL , Django , Web Development , Machine Learning , Power BI , Tableau .

## Projects

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### Plant Guardian – plant disease detection system

Feb 2024-May 2024

- **Description:** Built a Plant Guardian System using Machine Learning to detect plant diseases from leaf images and provide early warnings, enabling farmers to prevent crop loss.
- **Technology:** Python, Django, HTML, CSS, JavaScript, Machine Learning.
- **Role:** Backend Developer
- **Link -** <https://github.com/Arpita-Rajput/PlantGuardian>

### FaceTruth-Deep Fake Detection System (Image - Based)

Feb 2025 – April 2025

- **Description:** Developed a Deepfake Detection System using Machine Learning to identify manipulated or AI-generated images by analyzing facial features and visual inconsistencies, ensuring image authenticity and preventing misuse.
- **Technology:** Python, Flask, Machine Learning, HTML, CSS, JavaScript.
- **Role:** Frontend Development
- **Link -** [https://github.com/Arpita-Rajput/Deep\\_Fake\\_Detection\\_System](https://github.com/Arpita-Rajput/Deep_Fake_Detection_System)

## Achievements & Extracurricular Activities

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- Semi-Finalist at Google Girl Hackathon 2025
  - Awarded with Dreamed STAR Scholarship from VIT Bhopal (100% Fee Waiver).
  - Secured first position in district merit in class 12th.
  - Awarded by Abdul - Kalam Scholarship in District Level
  - Awarded by the INSPIRE Scholarship for higher education , for ranking in the top 1% of class 12 Examinations.
  - Qualified in Super 100 Scheme
  - Completed 100 days of Code on LeetCode.
  - Attended, offline Workshop ( Finance Club) , online Workshop (data Science club).
  - Team Member of Linux Club & Data Science Club, VIT Bhopal.

## Certifications & Training

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- NPTEL (Introduction to Machine Learning) , October 2024
  - Coursera (Applied Machine Learning in Python ) ,December 2023
  - Coursera (Introduction to Data Science with Python) , January 2025