

# Dhruvin Mehta

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## Summary:

Enthusiastic and dedicated BTech student majoring in Computer Science Engineering at VIT Vellore, with a passion for front-end development and machine learning. Proficient in Python, Java, React.js, and machine learning techniques including NLP and classification. Seeking opportunities to leverage my skills and contribute to innovative projects in web development and machine learning.

## Skills:

- Programming Languages: Python, Java, C++, C
- Web Technologies: ReactJS, HTML, CSS, Bootstrap, Tailwind CSS, NodeJS basics, Javascript
- Machine Learning: NLP, DL, Classification, Regression, Clustering
- Problem-Solving: Strong analytical and problem-solving skills
- Languages Spoken: English, Gujarati, Marathi, Hindi

## Education:

- *Vellore Institute Of Technology, Vellore* [Graduating in 2026]  
Bachelor of Technology in Computer Science and Engineering CGPA : 8.88/10
- 12th Standard: *DG Ruparel College Of Arts, Science and Commerce*, Maharashtra Board  
Percentage: 81.00%
- 10th Standard: *St. Francis D'Assisi High School*, Maharashtra Board  
Percentage: 96.2%

## Experience:

- **Volunteered for IEEE PCS (Institute of Electrical and Electronics Engineers - Power and Control Systems) Club:**  
At *Yantra* – a Technical Week of Technical Innovations at VIT : Designed and curated a set of questions tailored to assess participants' understanding and proficiency in technical subjects related to power and control systems. Demonstrated strong communication skills by effectively conveying Web Development concepts through the formulated questions.
- **Robovitics Club Arena Corner Detection:** Led a project to develop a robot capable of detecting corners in the arena and identifying rival robots. Implemented algorithms to navigate the arena, avoiding edges, and strategically positioning the robot to face opponents. Achieved success in Robowars competition, winning accolades for innovation and performance.

## Projects:

### Web Development Projects:

- **Project: Cinemate - Movie Information Website:** Developed a responsive web application called Cinemate using React.js to provide comprehensive information about various movies, including popular, top-rated and upcoming titles, sourced via API.  
**Project Link:** <https://moviematebydhruvin.netlify.app/>
- **Personal Portfolio Website:** Created a personal portfolio website utilizing HTML, CSS, and JavaScript to showcase my skills, projects, and professional experience in an interactive and visually appealing manner.

### Machine Learning Projects:

- **Disease Detection from Medical Images:** Made a model for cancer detection using Deep Learning
- **Customer Segmentation and Analysis for Mall Visitors:** Utilized clustering algorithms to analyze customer data from a mall, aiming to identify distinct customer segments and understand their shopping behaviors and preferences.