

Vrutant Mistry

Navsari, Gujarat

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Professional Summary

Motivated and adaptable Computer Engineering student with a solid background in web development and innovative technologies, including 3D web animations and AI integrations. Proficient in React.js, JavaScript, and Python. Hands-on experience creating 3D product showcases, emergency alert systems, and driver assistance tools. A quick learner with a growth-oriented mindset, dedicated to addressing real-world challenges through creative and user-centered digital solutions.

Education

Madhuben And Bhanubhai Patel Institute of Technology

Jul 2022 – Jul 2026

Bachelor of Engineering in Computer Engineering

CGPA: 8.52

Technical Skills

- **Languages:** HTML, CSS, Java, JavaScript, C, C++, SQL
- **Technologies & Frameworks:** ReactJS, NodeJS, MongoDB, Docker, Git, GitHub
- **QA Tools & Automation:** Jira, TestRail, Selenium, Manual Testing, Test Case Design
- **Soft Skills:** Leadership, Communication, Quick Learner, Problem Solving, Teamwork, Public Speaking, Project Management

Projects

Office Orbit — Full-Stack Task Management Platform (MERN Stack)

- Designed and developed a role-based task management system enabling seamless communication between admins and employees.
- Integrated analytics, real-time task tracking, and personalized dashboards to improve team coordination and productivity.
- Engineered a secure and responsive MERN stack architecture using React.js (frontend), Node.js, Express.js, MongoDB, and Mongoose (backend).

3D Phone Animation — React, WebGi (Three.js), GSAP

- Built a high-performance 3D product showcase simulating an iPhone landing page.
- Integrated GSAP for scroll-triggered animations and transitions.
- Enabled real-time 3D interaction: rotating, zooming, high-detail inspection.

StudBud — MERN Stack, Hugging Face API

- Built a full-stack AI-powered study planner using React.js, Node.js, and MongoDB.
- Added AI study suggestions and motivation via Hugging Face API.
- Integrated task tracking, study analytics, rewards, and calendar view.

Code Snippet Manager — AngularJS, Node.js, MongoDB

- Developed a full-stack code snippet management app using AngularJS, Node.js, and MongoDB.
- Implemented features like JWT authentication, admin snippet verification, and personal collections.
- Integrated code search, filtering, and Prism.js syntax highlighting for better readability.

Internship & Experience

EMGAGE HR PEERS, Ahmedabad

May 2025

Full Stack Developer Intern

- Contributed to a comprehensive HR management app using React.js, Node.js, and MongoDB.
- Gained hands-on experience in building full-stack features and deploying web apps.