DHRUV RANA

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**Languages Known**: Gujarati | Hindi | English

Passionate Computer Applications graduate with software engineering and web development experience. Proficient in Python, Java, Git, Docker, and JavaScript, with a passion for solving complex problems and discovering new technologies. Second runner-up in the NASA Space Apps Challenge, demonstrating excellent teamwork and problem-solving skills.

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| **EDUCATION**  **Master of Computer Applications (MCA)**  **Nirma University** (Pursuing) 2026-Expected Graduation Year   * Semester-1: SGPA-9.0   **Bachelor of Computer Applications (BCA)**  J.G. College of Computer Applications, 2024   * **Achievement**: Secured the first rank in college * CGPA: 8.83 * HSC (12th commerce): Percentage: 76.53% * SSC (10th): Percentage: 78% | |
| **PROJECTS**   * **Educational 3D Model of the Solar System Orrery**: Interactive 3D model showcasing planets, asteroids, and comets Utilizing AI-generated videos and NASA's data. Features AI chatbot, discussion forum, and quizzes. Tech Stack: Django, HTML, CSS, JavaScript and Three.js. *2nd runner-up at NASA Space Apps Challenge 2024 (Team: Code Spheres).* * **Glitch Over - Highlight Extraction**: Developed an automated highlight extraction system for action game videos using machine learning.   Tech Stack: Python (ML Model), Node.js (Frontend). Led a team of three in the MINeD Hackathon 2025.   * **Men's Monologue (E-commerce Website)**: Men's Monologue (E-commerce Website): An exclusive e-commerce platform catering to men.   Tech Stack: **HTML**, CSS**,** Bootstrap, JavaScript (Frontend), Flask & SQL Alchemy (Backend), MySQL (Database).   * **Mini Projects**: * **Pattern Craft:** A web application for generating dynamic star patterns using Core PHP and AJAX. * **Calculator**: Developed string operator functions to solve logical problems. | |
| **SKILLS PROGRAMMING LANGUAGES:** | |
| * Microsoft Word, PowerPoint, Excel * Communication & soft skills * Problem Solving | * Python * Java * C * JavaScript, HTML, CSS |