

MANAV KALOLA

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EDUCATION

• SSC	2019-2020
Shree PV Modi School, Rajkot	
• HSC	2020-2022
Shree PV Modi School, Rajkot	
• B.Tech in Computer Science and Engineering	2022-2026
Vellore Institute of Technology, Vellore	CGPA: 8.13

PROFILE

Computer Science and Engineering student at VIT Vellore (Batch 2026) with hands-on experience in full-stack and game development. Proficient in C++, C#, JavaScript, and Unreal Engine, with a growing portfolio of solo and team-based games. Passionate about solving technical challenges and leading collaborative projects, with multiple projects completed, including game jam participation and team leadership.

SKILLS

- **Programming Language:** C, C++, C#, Java, JavaScript, SQL.
- **Game Development:** Game Design, Level Design, 3D modeling, Scripting.
- **Game Engines:** Unreal Engine, Unity, Godot, Gagemaker.
- **Tools:** Visual Studio Code, Visual Studio Community 2022, GitHub, MongoDB, Blender.
- **Interpersonal Skills:** Problem Solving, Leadership, Teamwork, Team Management.

EXPERIENCE

Project Frag

Dissent Studio • May 2024 - May 2025

- [Gameplay Video Link](#)
- Designed game levels and contributed towards improvement of idea and faster and better implementation of project, efficiently working with a team of more than 20 individuals.

PROJECTS

Solar Farm Locator

- Built a Solar Farm Locator with my teammate that uses multiple APIs to fetch solar irradiance data and identify optimal locations for solar farms. Users can input coordinates or city names to get feasibility based on real-time sunlight analysis.

Hosteller

- Leading a team in developing a horror-themed hostel game using Unreal Engine 5. Initiated the project concept and currently leading development using Blueprints, aiming to create an engaging and thriller experience.

COURSEWORK

Modern Web Development with MERN Stack - FACE PREP

May 2025 - July 2025

- Completed a comprehensive MERN Stack Development course covering MongoDB, Express.js, React.js, and Node.js. Gained hands-on experience in building full-stack web applications, RESTful APIs, and implementing user authentication, CRUD operations, and responsive front-end designs.

POSITIONS OF RESPONSIBILITY

Chairperson – Gujarati Literature Association, VIT Vellore

Jan 2025 - Dec 2025

- As Chairperson, I restructured the club's workflow to streamline event planning and coordination. Led multiple high-impact literary events, significantly increasing student participation. Also mentored junior members and introduced scalable strategies for promotions and operations.

Publicity Head – Gujarati Literature Association, VIT Vellore

Jan 2024 - Dec 2024

- As Publicity Head and part of the core management team, I led creative campaigns to boost event visibility and student engagement. Collaborated with cross-functional teams for event planning and logistics, ensuring the smooth execution of various campus-wide literary and cultural programs.