

Prajapati Maitri Ramesh

Summary

To Achieve high career growth through a continuous process of learning for achieving goal & keeping myself dynamic in the changing scenario to become a successful professional and leading to best opportunity. And willing to work as and in the reputed it company.

Skills

- Html
 - css
 - javascript
- C language
 - Java language
 - Quick decision maker
- Leadership
 - Team work
 - Work & Time Management

Education

- B.sc. (IT), 05/2025**
Ganpat University, Kherva , Mehsana
CGPA : 8.28
- H.S.C (G.S.E.B), 03/2022**
Muktajivan High School, Isanpur , Ahmedabad
Percentile Rank: 77.29
- S.S.C (G.S.E.B), 03/2020**
Muktajivan High School, Isanpur , Ahmedabad
Percentile Rank: 87.44

Languages

- Gujarati
- Hindi
- English

Hobbies

- Traveling,
- Drawing.

Personal Information

- **Date of Birth:** 05/18/05
- **Gender:** Female
- **Nationality:** Indian
- **Marital Status:** Un-married

Project Details

- 2d Floorplan convert into 3d Model**
- Developed a complete web-based system that converts 2D architectural floor plans into interactive 3D models.
 - Implemented image processing using **OpenCV** and **YOLOv11** to detect walls, doors, and windows in blueprint images.
 - Converted processed blueprints to SVG using **Potrace** and generated 3D models in **Blender** via **Python scripts**.
 - Designed an interactive frontend using **React.js**, **Three.js**, and **Tailwind CSS** to preview, rotate, zoom, and download 3D models.
 - Built a secure backend with **Node.js**, used **MongoDB + GridFS** for storing models and user data, and integrated **user authentication** (login/signup).

Internship

Fresher, No any internship currently.