Prajapati Maitri Ramesh

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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

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

Education

Ganpat University   May 2025
B.sc. (IT)
Kherva , Mehsana
CGPA : 8.28

Muktajivan High School   March 2022
H.S.C (G.S.E.B)
Isanpur , Ahmedabad
Percentile Rank: 77.29

Muktajivan High School   March 2020
S.S.C (G.S.E.B)
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.