



# VED PATEL

FRESHER

## CONTACT

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## EDUCATION

2020 - 2023  
GUJARAT TECHNOLOGICAL UNIVERSITY

- diploma in computer engineering
- CGPA:8.09/10

2023 - 2026  
DHARMSINH DESAI UNIVERSITY

- B.Tech : Electronics & Communication

## SKILLS

- Project Management
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- ChatGpt
- IOT
- c/c++
- LTspice
- 8051 Microcontroller
- verilog
- java
- html/css/js/php
- android studio

## PROFILE

Detail-oriented and motivated engineering student seeking a VLSI Design Intern position to leverage strong programming skills, knowledge of digital design principles, and hands-on experience with hardware description languages (HDL) like VHDL/Verilog. Eager to contribute to innovative VLSI projects and gain practical experience in chip design, simulation, and optimization. Committed to furthering my understanding of semiconductor technologies and contributing to cutting-edge advancements in VLSI development.

## PROJECTS

### FOOD WASTE MANAGEMENT

- Developed a web-based food waste management system using PHP, HTML, CSS, and JavaScript to track and reduce food waste.
- Implemented user-friendly interfaces for reporting and managing waste data efficiently.
- Integrated real-time features to enhance awareness and promote sustainable practices.

### Smart energy harvesting

- Developed a smart energy harvesting system utilizing piezoelectric sensors to capture ambient energy.
- Designed and integrated a voltage multiplier and rectifier to efficiently convert and store energy.
- Focused on optimizing energy conversion and storage for sustainable power solutions.

### Chat app

- Developed a real-time chatting application using Android Studio and Firebase for seamless messaging and data synchronization. Implemented features like user authentication, message storage, and notifications. Focused on ensuring a responsive and secure user experience with Firebase backend integration.

## LANGUAGES

- English(Fluent)
- Gujarati(native)
- Hindi(Fluent)