

# Jenil Savaliya

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*I am a third year computer science student specializing in Artificial Intelligence and IoT based System Designing.  
I am looking forward to contributing to open source AI research and building IoT solutions.*

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## EDUCATION

### B. Tech. in Computer engineering and minor in IoT

Pandit Deendayal Energy University, Rapsan, Gandhinagar

2023 - Present

- CGPA: 9.33
- Relevant coursework: Data Structures and Algorithms, Database Management System, Operating Systems, IoT Networks and Protocols, Embedded Systems

## RESEARCH EXPERIENCE

- Collaborated with my colleagues to research on behavioral analysis of water consumption.
- Analyzed and interpreted data, contributing to a research paper titled “Enhanced Quantitative Analysis of Water Usage Using IoT-Based Smart Retrofit Meters and Sensors”.

## TECHNICAL SKILLS

- Programming languages: C, Python, Java, mySQL, HTML/CSS, javascript, PHP
- Relevant skills: Data structures and algorithms, database management, IoT

## PROJECTS

### IoT based Smoke detector system

Basic Electronics, Second Semester, 2024

- Made a smoke detector circuit using IoT devices which could detect smoke particles in air and signal people using an LED.

### IoT based smart attendance review system

IoT Networks and Protocols, Fourth Semester, 2025

- Developed a project aimed at implementing smart attendance review using IoT devices.
- It made use of RFID reader and tags given to each student which automated the attendance taking system.

## SOFT SKILLS

- Good communicator and leader.
  - Curious learner with a thirst for knowledge.
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