

MANTHAN DADHANIA

B.Tech Computer Engineering Student | Aspiring Developer

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EXPERIENCE

Core Committee Member

Encode - The Coding Club of PDEU

Aug 2025 – Present

Gandhinagar, Gujarat, India

- Actively involved in organizing and promoting coding-related events, workshops, and competitions.
- Fostering a strong coding culture and peer-to-peer learning environment among students.

PROJECTS

Trustchain: Subsidy Management System

Green Hydrogen Focus

Next.js, Blockchain

- Developed a proof-of-concept website for managing government subsidies for green hydrogen projects.
- Utilized **Next.js** for the frontend and integrated **blockchain** technology for transparent and secure transaction tracking.

Blog App and Custom Twitter Clone

Personal Project

MERN Stack

- Built a full-stack application simulating core functionalities of a blog and a microblogging platform (Twitter).
- Developed using the **MERN stack** (MongoDB, Express, React, Node.js), demonstrating proficiency in scalable web development.

SIH Project: LLVM Object File Obfuscator

Student Innovation Hub

LLVM Tool, C++

- Developed a specialized **LLVM tool** (compiler infrastructure) designed to obfuscate (hide/scramble) the object files generated during compilation.
- Aimed at enhancing software security by complicating reverse engineering and intellectual property theft.

Food Delivery System

Academic Project

HTML, CSS, JavaScript, PHP

- Designed and implemented a functional web-based food ordering and delivery system from scratch.

MOST PROUD OF



Finalist in HakOut'25

Recognized for innovative solutions and teamwork in a competitive national hackathon.



Finalist in SIH 2025 (Project: LLVM Tool)

Acknowledged for the development of a security-focused LLVM tool to obfuscate object files.



Winner of Ideathon PDEU

Secured first place for presenting a feasible and impactful technological idea.

TECHNICAL SKILLS

C

C++

JAVA

Python

JavaScript

PHP

MERN Stack

Next.js

React.js

Node.js

Express.js

DBMS

SQL

AI & ML

Data Structures & Algorithms

Blockchain

LLVM

LANGUAGES

English



Gujarati



Hindi



EDUCATION

B.Tech Computer Engineering

Pandit Deendayal Energy University (PDEU), Gandhinagar

2023–2027

CGPA: 9.7/10.0

HSC (12th Grade)

St. Mary's School, Naroda, Ahmedabad

Year 2023

Percentage: 98%

SSC (10th Grade)

St. Mary's School, Naroda, Ahmedabad

Year 2021

Percentage: 95%

- Handled both client-side and server-side logic using a traditional stack: **HTML, CSS, JavaScript** for the frontend and **PHP** for backend processing.

MY LIFE PHILOSOPHY

"The only way to do great work is to love what you do, and to keep learning what you don't. Consistent effort is the key to mastering any domain."

A DAY OF MY LIFE

