

CHETAN GADHIYA

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EDUCATION

Pandit Deendayal Energy University

July 2023 – May 2027

Bachelor of Technology in Computer Science Engineering (CGPA: 8.71/10)

EXPERIENCE

Python Developer Intern — Cognifyz Technologies [GitHub]

Dec 2023

Internship

- Developed Python programs for string manipulation, input validation (email/password), mathematical utilities, console-based games, and file handling
- Built automation and data-processing scripts including word-frequency analysis and basic web scraping

PROJECTS

Microplastic Detection Data Management System

[GitHub]

- Developed a scalable full-stack platform to store, manage, and analyze multi-attribute microplastic detection data (polymer type, particle size, concentration, location, timestamps) with aggregation-based analytics and interactive dashboards for contamination trend analysis
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB (Atlas), JWT, Chart.js, Cloud Deployment

Fake News Detection Web Application

[GitHub]

- Built an AI-powered web application that analyzes user-submitted news content using a machine learning classification pipeline and returns credibility predictions with confidence scores and stored prediction history
- **Tech Stack:** React.js, Flask, MongoDB, REST APIs, JWT, Cloud Deployment

Smart Inbox Automation & Analytics System

[GitHub]

- Designed an intelligent email automation system integrating Gmail APIs to classify and organize emails across multiple categories and workflows, automate labeling and reminders, and generate behavioral analytics such as usage trends, peak hours, and sender patterns
- **Tech Stack:** React.js, FastAPI, MongoDB, Gmail API, OAuth 2.0, JWT, Background Schedulers, Cloud Deployment

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL

Web Technologies: HTML, CSS, JavaScript, React.js

Backend Technologies: Node.js, Express.js, Flask, FastAPI, REST APIs

Databases: MySQL, PostgreSQL, MongoDB

Tools & Platforms: Git, GitHub, JWT Authentication, OAuth 2.0, Cloud Deployment (AWS / Render)

Problem Solving: Data Structures & Algorithms, LeetCode, Cracking the Coding Interview

ACHIEVEMENTS & PARTICIPATIONS

- **Code4Cause 2.0 Hackathon (NSUT)** — Selected among **1200+** teams nationwide
- **Smart India Hackathon (SIH) 2024 & 2025** — Selected **twice in Top 25** teams during university internal rounds
- **HACKOUT'24 (DAIICT)** — Built a classroom management web application [GitHub]
- **GenAI Exchange Hackathon** — Developed a web-based fact verification system [GitHub]
- **Naukri Campus AINCAT** — Secured **All India Rank ~27,712**
- **IEEE AIMV 2025 Conference (PDEU)** — Lead Student Volunteer for an international IEEE conference with **160+** research papers; managed end-to-end planning and presented **two research papers**
- **Encode Club (AI/ML)** — Active member for **2 years**

CERTIFICATIONS

- **AI-ML for Geodata Analysis** — ISRO-IIRS
- **Deep Learning** — NPTEL - IIT Ropar (**Score: 73%**)