# Chetan Kanaiyalal

Data Engineer, Software Developer

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## Work Experience

### Team Leader, Hackathons
*Various Competions*

Present

- Led a team in SSIP Hackathon 2023 and HackTheSpring Hackathon, resulting in first-place victories.
- Managed project development, team coordination, and presentation of technical solutions under tight deadlines.

### Event Organizer
*E-Cell, VGEC*

Present

- Successfully organized Founders Week, a 5-day event with 8 speakers and 200+ daily attendees.
- Handled logistics, communication, and execution of events, ensuring a smooth experience for all participants.

## Projects

### Deepfake Detection Model

Present

Developed a deepfake detection model using TensorFlow and Xception for feature extraction.
Implemented a hybrid AI/ML approach combining audio-visual inconsistencies for better detection accuracy.

### Medical Ally – AI-Powered Medical Platform

Present

Developed a comprehensive healthcare platform enabling illness diagnosis, doctor recommendations, medicine ordering, and pathology test booking.
Integrated a chatbot to explain medical reports and prescriptions in the user's native language.

### Rule Mitra – Rule-Based Chatbot System

Present

Developed a rule-based chatbot system designed to assist government officials by resolving queries efficiently.
Automated structured responses for improved accessibility and streamlined communication.
Won ₹50,000 from SSIP for its innovative approach to government query resolution.

## Core Skills

Data Modeling, Data Processing, Extract Transform and Load, Data Import, Information Engineering, Data Coding, Data Storage Optimization, Data Cleaning, Data Transformation, MongoDB, PyQuery, Data Pipelines, Software Defined Networking (SDN), React, Flask, Python, MySQL, PostgreSQL, Git, GCP

## Education

### Vishwakarma Government Engineering College, Chandkheda

Sep 2022 - Present

**Bachelor of Engineering**  Computer Engineering
GPA: 8.61

## Languages

**English** *(Professional working proficiency)*,  **Gujarati** *(Professional working proficiency)*,  **Hindi** *(Native)*

## Interests

Hackathons & Competitions, Artificial Intelligence & Machine Learning\, Event Management & Leadership, Books & Reading, Internet of Things (IoT)