

Param Dholakia

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[github-param](https://github.com/github-param) | [GFG-param](https://www.geogforge.com/GFG-param)

Summary

Passionate and dedicated third-year Computer Engineering student with a keen interest in Artificial Intelligence, Machine Learning, and App Development. Currently enhancing skills in AI/ML algorithms and mobile application development to build innovative solutions. Eager to apply technical expertise in a dynamic environment, contributing to impactful projects and gaining hands-on industry experience.

Skills

- **Programming Languages:** JavaScript, Python, C++, Java ,C ,Dart, PHP
- **Web Development:** HTML,CSS
- **Frameworks & Libraries:** Flutter
- **Database Management:** MySQL
- **Machine Learning:** NumPy, Pandas, Scikit-learn
- **Tools & Platforms:** Git, GitHub

Achievements

- Completed multiple coding challenges on platforms like CodeChef and GeeksforGeeks.
- Participated in College Level Hackathon, earning recognition for valuable contributions.
- Completed Course Era Courses and gained different Programming skills.

Education

Bachelor's degree in

G.H. Patel College Of Engineering

2022-2026

Computer Engineering .

- Focused on core computer science concepts practical applications. Gained experience in web development, machine learning, and app development through academic projects and hands-on practice.

Projects

- **Global Disaster Ananlysis**

This project leverages Python and Machine Learning to analyze global disaster trends and predict potential future disasters. It processes historical disaster data using Pandas and NumPy for data handling, applies ML algorithms for prediction, and visualizes insights through Matplotlib and Seaborn. The goal is to enhance disaster preparedness by identifying patterns and risk factors based on past occurrences.

- **Resort Booking Management**

This project is designed to simplify and automate resort bookings by allowing users to search for available resorts, book stays, and manage reservations efficiently. It includes features like user authentication, room availability checks, booking confirmation, and payment processing. The system ensures a smooth experience for both customers and resort administrators by integrating a well-structured database and user-friendly interface.

- **Faculty Availability Checker**

This system helps students check the real-time availability of faculty members in their college. Faculty members can log in and update their availability status, making it easier for students to know when they are available for queries or meetings. Built using JSP, JDBC, and Servlets, the system ensures secure authentication and efficient database management. The project enhances communication between students and faculty, reducing unnecessary wait times.

- **Current Project:- Paw Saviour app**

Paw Saviour is a **Flutter-based mobile application** designed to help roadside animals in need by connecting them with relevant NGOs and rescue organizations. Users can **report injured or abandoned animals** by uploading images, selecting a location on a map, and providing details. The app also allows users to **record audio/video evidence of pet abuse** for documentation. The collected data is stored in the **animal_saviour** database, ensuring efficient tracking and response. This project aims to streamline animal rescue efforts and improve welfare.

Others

- **Literarture Club Coordinator**