



HETVI PEDHADIYA

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OBJECTIVE

- Motivated and detail-oriented developer with strong knowledge of Machine Learning, ASP .NET Core, Flutter, and Python. Passionate about developing customized, accounting-oriented software solutions for businesses. Eager to contribute to growth-focused companies by creating accessible tools that empower users with insights and confidence.

PROJECTS

- **Group Expense Manager** Nov 2024 - Feb 2025
 - Automatically calculates individual expenses and balances
 - Manages multiple groups and tracks expenses individually
 - Built frontend using Flutter and integrated backend services via .NET APIs, ensuring smooth data communication
 - Visualizes financial data through dynamic pie and bar charts for better insights
- **Medicine Recommended System** Feb 2025 - March 2025
 - Developed and deployed a web-based healthcare assistant using Flask for symptom-driven disease and wellness guidance.
 - Used structured CSV datasets to map symptoms to disease descriptions, precautions, medications, workouts, and diet plans.
 - Implemented voice-based symptom input using speech recognition to enhance user interaction and accessibility.
 - Designed an intuitive and responsive user interface with HTML, CSS, and JavaScript.
 - Hosted the application live on Render.com, enabling public access and real-time interaction.
- **Stock Market Analysis** March 2025 - April 2025
 - Built a Flask web app to predict stock trading volume using machine learning.
 - Used Random Forest Regressor trained on historical stock prices and date-related features.
 - Integrated a clean and interactive UI for real-time predictions.
 - Deployed the application on Render.com for public access.

EXPERIENCE

- **Teaching Assistance | Darshan University** Nov 2024 - March 2025
 - Assisting in teaching Database Management Systems (DBMS-2) for BCA and BSC-IT students.
 - Guiding students on project work and conceptual understanding.
 - Assisting in lab sessions and problem-solving activities.

SKILLS

- **Technical:** Machine Learning, DSA (Data Structures and Algorithms), Python, NumPy, Pandas, Scikit-learn, Flutter, DBMS, SQL, Java
- **Non-Technical :** Teamwork , Quick Learner, Adaptability, Problem-Solving.

EDUCATION

- **Bachelor of Engineering in Computer Engineering | Darshan University** 2022 - 2026
 - CGPA: 9.15
- **Higher Secondary Education | Shree Kanya Vidyalaya, Rajkot** 2021 - 2022
 - Percentage: 78.83
- **Secondary Education | Bardanwala Kanya Vidyalaya, Rajkot** 2019 - 2020
 - Percentage: 78

CERTIFICATES

- Mobile Application Development - Udemy Sept 2024
- Database Management System – Udemy Jan 2025
- Python Programming - Udemy April 2024

ACHIEVEMENTS

- NPTEL Certificate achieved by participating in Python for Data Science. Achieved score 71%. Aug 2024
- Earned a SQL certificate from HackerRank for completing SQL challenges. Aug 2024

Hobbies

- Travelling, Driving