Vivaan Rakesh Patel

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About Me

Enthusiastic and detail-oriented developer with a solid foundation in Python, Flask, HTML, CSS, and JavaScript, along with strong skills in NumPy, Pandas, and Matplotlib for data analysis and visualization.
Skilled in bridging front-end and back-end development to build interactive, data-driven web applications. Adept at transforming complex problems into efficient, user-friendly solutions, with a passion for continuous learning and clean code. Currently expanding expertise into Artificial Intelligence and Machine Learning to build smarter, innovative applications.

Education

B.Tech in Artificial Intelligence & Machine Learning
Dwarkadas J. Sanghvi College of Engineering, Mumbai
Currently in 2nd Year (Expected Graduation: 2028)

Skills

Programming: Python, JavaScript, HTML, CSS
Libraries/Frameworks: Flask, NumPy, Pandas
Concepts: API Handling, Data Analysis, Web Development Basics
Tools: Git, VS Code

Projects

• **Flask To-Do App** – Secure task manager with Login/Logout, deployed on Railway.

• **Café Management System (CLI)** – Python-based menu ordering and billing system.

• **Contact Book (CLI)** – CLI tool to store, update, and retrieve contacts.

• **Weather Info System(API + CLI)** – Real-time weather app using OpenWeather API.

• **Pokémon Info Finder (API + CLI)** – Fetches Pokémon data using PokeAPI.

• **Country Info App (API + CLI)** – Retrieves country details from REST API.

• **News API App** – Displays real-time headlines using API integration.

• **KBC Quiz Game (CLI)** – Python quiz game inspired by 'Kaun Banega Crorepati'.

• **Amazon Clone (Frontend)** – HTML/CSS-based clone of Amazon homepage (non-functional).

• **TicTacToe Game** – Web-based interactive game using HTML, CSS, and JavaScript.

Activities & Interests

- Interested in AI-powered applications, API development, and full-stack projects.
- Interested to make AI/ML models to solve real world problems.

Career Goals

Aspiring to become an AI/ML Engineer, passionate about building smart, data-driven applications and solving real-world problems through technology and innovation.