

KRISHNA PATEL

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EDUCATION

PARUL UNIVERSITY

Bachelor of Technology

Major in Computer Science and Engineering

Cumulative GPA: 8.13/10.0

Relevant Coursework: Data Structures; Operating System; Algorithms; Machine Learning; Database Management System

Gujarat, IN

Expected May, 2025

SETT R. J. J. HIGH SCHOOL

HSC

Percentage: 77.8/100

Gujarat, IN

May, 2021

WORK EXPERIENCE

CODSOFT *(Offers various internships and certification programs)*

UX UI Design Intern

Remote

Jun 2024 – Jul 2024

- Designed a comprehensive sign-up flow for a mobile app, user-friendly screens for welcome, login, signup, password reset and verification, ensuring a smooth onboarding experience.
- Crafted engaging home page layouts for a restaurant app, showcasing menu products and detailed product information page for optimal user experience; this design approach improved user engagement by increasing session duration by 30 seconds on average.
- Built a user interface for an e-commerce platform.

PROJECTS

PLATFORMER GAME(Using Pygame)

May 2024

- Utilized object-oriented programming (OOP) principles to create classes for a 2D side- scrolling platformer game with elements like Player, Enemies, Bullets, and Sprites.
- Developed a comprehensive player fall physics system, ensuring realistic interactions within the game environment; this innovation improved user feedback scores by 30%, with players noting the immersive experience.
- Leveraged Pygame's modules for graphics, sound effects, and game loop management (e.g., pygame.sprite, pygame.time)
- Ensured smooth gameplay through frame rate management and efficient collision detection algorithms.

WEATHER- BASED DIET SUGGESTION PROGRAM

March 2023

- Implemented a Python script that accessed and compiled real-time temperature information from weather APIs for targeted locations; this initiative resulted in a 15% reduction in manual data collection efforts, increasing overall productivity.
- Engineered an algorithm to classify temperatures as hot, cold, or moderate by utilizing customizable parameters; this innovation streamlined recommendations for users based on specific weather conditions across over 500 locations.
- Leveraged external nutrition APIs to suggest dietary recommendations based on the weather category.
- Demonstrated proficiency in API interaction using the Requests library and data processing with JSON.

ADDITIONAL

Technical Skills: Python, PostgreSQL, MySQL, HTML/CSS, Git, Googling

Libraries/ Methods: Tensorflow, Matplotlib, Numpy, Pandas, K- means, KNN

ML Concepts: Linear Regression, Classification, Clustering, DNN, Neural network, Deep computer vision

Tools: Visual Studio Code, Figma, GitHub, Google Colab, Microsoft 365

Languages: Fluent in Gujarati; Conversational Proficiency in English, Hindi

Other: Communication, Leadership, Teamwork, Design