KIRTAN DIPAKBHAI BHAD
B.Tech. - Computer Science & Engineering
Ph: +91-9173321399
Email: 21bce025@nirmauni.ac.in
Amreli, Gujarat, India - 365601

BRIEF SUMMARY

Currently pursuing a B.Tech in Computer Science and Engineering from Nirma University.Good knowledge in fundamental of computer science concepts including object-oriented programming , operating systems, and database management systems . Excellent in analytical and problem-solving skills, with a solid understanding of data structures and algorithms (DSA). Passionate about software development and technology innovation.

KEY EXPERTISE

HTML · CSS · Java · Javascript · ReactJS · Deep Learning · Machine Learning · Python · DBMS · SQL · Object-Oriented Programming · Data Structures

EDUCATION

Nirma University — 2021 - 2025
B.Tech. - Computer Science & Engineering | CGPA: **7.66 / 10**

Modi School, Rajkot, Rajkot — 2021
12th | GSEB | Percentage: **94.15 / 100**

Vidhyasabha School, Amreli, Amreli — 2019
10th | GSEB | Percentage: **92.17 / 100**

INTERNSHIPS

EnlargeSoft IT Hub | IT / Computers - Software — 30 May, 2024 - 10 Jul, 2024
Web Developer

Key Skills: HTML · CSS · ReactJS · Stripe API · strapi

Completed a 6-week summer internship where I developed a fully functional shopping website utilizing HTML, CSS, and React for the front end, with Strapi as the backend CMS and Stripe for secure payment processing. Implemented key features including product search, add to cart, and seamless checkout to enhance user experience and streamline the purchase process. Collaborated closely with designers to ensure a responsive and visually appealing user interface, resulting in increased customer engagement and satisfaction.

PROJECTS

Movie Recommendation System Using Python
Team Size: 2

Key Skills: Python · Machine Learning

Developed an interactive movie recommendation system using Python, pandas, and scikit-learn, with Streamlit for an intuitive user interface, leveraging cosine similarity to suggest films based on user input. Implemented a content-based movie recommender in Python, utilizing Streamlit for seamless user interaction, analyzing keywords, cast, genres, and directors to offer tailored movie suggestions, techniques, etc. Employed Streamlit for a user-friendly movie recommendation web interface, enhancing accuracy with CountVectorizer

Number Plate Recognition Using Convolutional Neural Networks
Team Size: 4

Key Skills: Machine Learning · Deep Learning

Developed an Indian License Plate Detector using Convolutional Neural Networks (CNNs).Implemented image processing techniques with OpenCV and Python to extract and analyze alphanumeric characters from license plates, enhancing data accuracy.Utilized Haar cascade and deep learning with Keras to create a robust model for license plate character recognition,improving efficiency in vehicle tracking.

Shopping Management System
Team Size: 3

Key Skills: Java

Developed an Online Shopping System in Java, implementing features for adding new items, displaying items, and managing customer details. Designed classes for Shop and Customer details, enabling smooth interaction between customers and available products.Implemented exception handling for input validation and utilized ArrayLists for efficient data management within the system.

image captioning

Key Skills: Machine Learning Deep Learning Python

This project is an image captioning system where the input is an image, and the output is a descriptive caption generated by a neural network. The solution involves a custom PyTorch Dataset class, a feature extraction Encoder using ResNet50, and a Decoder GRU-based model for sequence generation. The system is trained using cross-entropy loss and evaluated to generate captions, showcasing deep learning and NLP integration.

ASSESSMENTS / CERTIFICATIONS

CERTIFICATE OF PARTICIPATION IN HACK-NU-THON 3.0

CERTIFICATE OF PARTICIPATION IN SMART INDIA HACKATHON 2023

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: M-54, Shivani Apt. B/H Sahjanand College, near Azad society, Ambawadi Ahmedabad 380015, Amreli, Gujarat, India - 365601
Emails: 21bce025@nirmauni.ac.in , kirtanbhad123@gmail.com

Date of Birth: 25 Apr, 2004
Known Languages: English,Hindi,Gujarati
Phone Numbers: +91-9173321399, +91-9427021399