Deepanshu Bhatt Software Developer

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Leetcode

EDUCATION

Bachelors (CSE),
Indore Institute of Science and Technology
2020 – present | Indore, India

Higher Secondary, Yashwant Public School
2019 – 2020 | Indore, India

PROFILE

A creative thinker and problem solver, adept in software development and working with various data structures. A strong team player with excellent collaboration skills, and a commitment to maximizing the production process within a facility

SKILLS

Programming Language
C/C++, Java, Python ,JavaScript

Machine Leanring
Python, Sk-learn, Matplotlib , Seaborn ,NLTK,Spacy

Data Structures and Algorithm
Problem Solving

Deep Learning
Pytorch , Tensorflow , Pytorch Lightning

Data Science
Numpy, Pandas, MySql, MongoDb, Statistics

Web Development
MERN stack, Next.js, Tailwind CSS, Redux, MySQL, Next Auth

PROJECTS

Duplicate Question Pair Detector System, Smart Question Matching: Advancing from Feature Engineering to BiLSTM for Improved Duplicate Detection. February 2024 – present

- Designed and implemented a Duplicate Question Pair Detector System using various techniques, including feature engineering and fuzzy-wuzzy features.
- Evaluated the system across different machine learning models such as Random Forest, XGBoost, Naive Bayes, and Logistic Regression. Later, enhanced its performance by transitioning to deep learning using BiLSTM, achieving an accuracy rate of 79%.

Rapid Image Classification System,
Efficient Categorization through Advanced Deep Learning. January 2024 – present

- Created an Image Classification System using the Cifar-10 dataset.
- Employed advanced deep learning techniques, including learning rate scheduling, gradient clipping, and image augmentation, to achieve an outstanding accuracy of **90% within a runtime of 10 minutes.** This project showcased efficiency and accuracy in image classification tasks.

Malaria Detection System Precision in Diagnosis,
Leveraging TensorFlow for Accurate Identification of Malaria-Infected Cells January 2024 – present

- Developed a Malaria Detection System utilizing TensorFlow for image classification of cells, achieving an impressive **94% accuracy rate.**
- Leveraged deep learning techniques to analyze images and accurately classify cells as infected or uninfected, contributing to the early diagnosis of malaria.

Movie Recommender System October 2023 – November 2023

- Engineered a Movie Recommender System by utilizing the IMDB dataset.
- Implemented machine learning techniques and cosine similarity to group similar movies together, these recommendations are based on similarity between the movies.

ACHIEVEMENTS

Among Top 7 percent Coders in Leetcode
I rank among the top 7% of coders worldwide on LeetCode, attaining an impressive rating of 1800

Solved Over 900 Questions on Leetcode
I hold the top rank in my college for Leetcode and have successfully solved over1000 data structures and algorithm questions across multiple platforms.

3 star coder at Codechef
Have achieved recognition as one of the highest-rated coders in my institute and have earned a prestigious 3-star coder status on the CodeChef platform.

DSA Instructor
Instructed over 200 students about the principles and techniques of Data Structures and Algorithms.