Parth Kalsariya

Data Scientist

✉ kalsariyaparth007@gmail.com 📞 9904137402 in LinkedIn ⦿ GitHub ⚲ Ahmedabad, Gujarat, India

About me

Curious and analytical aspiring Data Scientist with a passion for AI and machine learning. Skilled in Python, Scikit-learn, and TensorFlow, eager to build predictive models and develop intelligent solutions while continuously learning new technologies.

Professional Experience

08/2024 - Present	**Jr. Data Scientist** *NexusLink Services India Pvt. Ltd.*
02/2024 - 05/2024	**Python Developer** *NexusLink Services India Pvt. Ltd.*

Projects

Image classification project
- Built a Convolutional Neural Network model to classify images as plane, ship, or car. Developed a user-friendly UI for predictions, optimized performance with hyperparameter tuning, and evaluated results using accuracy metrics. Project Link

Laptop price prediction
- Developed a Machine Learning model to predict laptop prices based on brand, specifications, and configurations using data preprocessing, feature engineering, and regression algorithms. Project Link

Web scrapping
- Developed a web scraping project to extract product reviews from Flipkart using BeautifulSoup. Project Link

E-commerce sales dashboard (Power BI)
- Built an interactive dashboard to analyze revenue, trends, and customer insights using data transformation and visualizations. Project Link

Movie recommendation system
- An interactive Streamlit app that suggests similar movies based on your input using content-based filtering and displays posters for a better experience. Project Link

Image classification project binary
- Developed a binary image classification model using convolutional neural network to identify whether an image is of a dog or a cat. Project Link

Credit card fraud detection
- Designed an intelligent machine learning model to accurately detect fraudulent credit card transactions, enhancing security by distinguishing between legitimate and suspicious activities in real-time.

Video clip classification
- Created a multi-class classification model that analyzes video clips to determine whether they depict a movie scene, real-life footage, or AI-generated content, using deep learning techniques to extract and learn from temporal and visual features.

Portfolio website

Designed and developed a personal portfolio website to showcase projects, skills, and experiences with a modern, responsive layout and smooth user experience using HTML, CSS, and JavaScript.

Education

2020 - 2024 Ahmedabad, India	**Bachelor's Degree in Information Technology (CGPA: 7.84/10)** Sal Engineering and Technical Institute, Ahmedabad

Skills

Programming Languages: Python, SQL

Machine Learning: Scikit-learn, Pandas, NumPy

Deep Learning: TensorFlow, PyTorch, Keras

Natural Language Processing (NLP): Transformers, RNN, Speech Recognition

AI/ML Deployment: Streamlit

Courses Completed:

Data Science Masters – PW Skills | TensorFlow for Deep Learning – Udemy

Languages:

English | Hindi | Gujarati