

# URVIL PANCHAL

Data Scientist

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## SUMMARY

Aspiring Data Scientist with strong knowledge of Machine Learning, Deep Learning, and Natural Language Processing (NLP). Passionate about leveraging advanced analytics and data-driven techniques to solve complex problems and drive innovation. Dedicated to continuous learning and eager to contribute to dynamic, data-focused teams.

## WORK EXPERIENCE

**Data Scientist Trainee , Nexuslink Services India Pvt Ltd.**

**May 2024 - Present**

- I am currently at NexusLink Services, actively learning Deep Learning and NLP technologies while gaining hands-on experience through project work.

**Data Science Intern , Urban Ethics**

**Jan 2024 - Apr 2024**

- During the internship I was responsible for cleaning and organizing a variety of datasets using Python. This helped uncover valuable insights from the data and even allowed me to build a model to support better decision-making.

## EDUCATION

**BE Information Technology**

Jul 2020 - Jul 2024

Gujarat Technological University

CGPA: 8.12

## SKILLS

Machine learning

Deep Learning

Data Visualization

Web Scraping

Natural Language Processing

## CERTIFICATION

**DATA SCIENCE MASTERS**

Platform: Physics Wallah

May 2023 - Present

## PROJECTS

### WebPic Classifier (DL Project)

- Developed a web application enabling users to search queries, scrap related images for both training and testing, and preprocess them.
- These images are then employed to train a **Convolutional Neural Network (CNN)** model.
- Technology used:- Python: BeautifulSoup, Tensorflow, flask.

### Text Generation (NLP Project)

- Developed a text generation system utilizing **Long Short-Term Memory (LSTM)** networks, a type of recurrent neural network (RNN) adept at Natural Language Processing (NLP) tasks.
- Technologies: Python: Tensorflow.

### Flipkart Product Search and Review Analysis (NLP Project)

- Web app that search product from flipkart in real time and gives detailed information about Product.
- I have performed Sentiment Analysis of customer reviews using '**distilbert-base-uncased**' model.
- Technology used: Python: flask, BeautifulSoup.

### Cricket Shot Prediction (DL Project)

- Developed a web app that analyse batsman swing and predict the shot played.
- Technologies: Python: Tensorflow.

### PLant Leaves Disease Prediction (DL Project)

- Developed a web app that accept plant leaves images and predict the health of the plant.
- Technologies: Python: Tensorflow, flask.