

Gaurang Rawat

AI/ML Engineer

I'm Gaurang Rawat, an AI/ML enthusiast. I have hands-on experience in developing AI models using Python and TensorFlow. I'm passionate about transforming data into insights and love working in collaborative environments. Excited to contribute to innovative projects as an intern!



gaurangrawat2003@gmail.com



7827227065



linkedin.com/in/gaurang-rawat-14b938253



github.com/GaurangRawat

SKILLS

Natural Language Processing

ML /Deep Learning

Python

Numpy

Pandas

TensorFlow

PyTorch

OpenCV

Langraph

Jupyter

LLM

Git

Transformers

AWS

LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency

INTERESTS

AI

Gaming

Listening Music

Foodie

EDUCATION

Study Program

Bhagwan Parshuram Institute of Technology (BPIT)

09/2021 - 09/2025

Delhi, India

Courses

- Information Technology

Higher Secondary Education

J.N. International School

2019 - 2021

Delhi, India

Secondary Education

Modern Vidya Niketan

2017 - 2019

Sec 17, Faridabad, Haryana, India

PERSONAL PROJECTS

Large Language Models using Langchain

- Chat with PDF using Langchain and AstraDB
- Blog Generation using LLAMA 2
- Multi Language Invoice Extractor

Natural Language Processing

- BOW(Bag of words) and TF-IDF
- Word2Vec
- NLP using RNN and LSTM RNN
- Encoders and Decoders
- Transformers, BERT, GPT

Model Building using Deep Learning

- ANN - Projects Using Neural Networks
- CNN - Image Classification
- RNN - Natural Language Processing using LSTM

Key Detail Operations of ML Algorithms.

- Machine Learning Algorithms are statistical methods that enable systems to learn from data and make predictions without explicit programming.
- They are categorized into supervised (e.g., linear regression, decision trees) and unsupervised (e.g., k-means clustering) learning.

Credit Card Fraud Detection.

- A credit card fraud detection system using Multi-Layer Perceptron (MLP) and Logistic Regression aims to identify fraudulent transactions and minimize financial loss.
- Logistic Regression serves as a baseline model due to its simplicity and interpretability. It assesses the relationship between the features of transactions (such as transaction amount, location, and time) and the probability of a transaction being fraudulent.
- MLP is a type of neural network that can capture complex patterns in data due to its multiple layers and non-linear activation functions.