

PRATEEK SINGH

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TECHNICAL SKILLS

- **Programming Language** : Python
- **AI Development** : OpenAI , Gemini , Llama , LangChain , Agent , Chain , Embedding Vector Database , Transformer , Retrieval Augmented Generation (RAG) etc.
- **Deep Learning** : ANN , CNN , RNN , MTCNN , DeepFace , YoloV8 library for Image detection & classification , TensorFlow etc.
- **Machine Learning** : KNN , Logistic Regression , Decision Tree , SVM , Naive Bayes , Kmean (Clustering) , Computer Vision , NLP , Scikit-Learn etc.
- **Data Analysis** : Numpy , Pandas , Matplotlib , Seaborn
- **Web Development** : HTML , CSS , JavaScript , Bootstrap , Flask
- **DATABASE** : MySQL , SQLite
- **TOOLS** : PowerBI , Git , Docker , Postman , MS Excel , OCR etc.

PROFESSIONAL EXPERIENCE

CLOTHWARI PRINTING PVT. LTD.

Artificial Intelligence Developer | May 2024 - Present

- Image creation by Gemini , OpenAI LLM and Image Prediction
- By Gemini and OpenAI prompt we have created Image with the help of Vertex AI Tool

SUREPASS TECHNOLOGIES PVT. LTD.

Machine Learning Intern | Mar 2024 - May 2024

- Working with Image and Text Data by using YoloV8 , DeepFace Library and trained Passport Dataset
- Developed Desktop based application by using Tkinter and Streamlit

DUCAT IT TRAINING SCHOOL

Training in Data Science/Analyst | Aug 2023 - Feb 2024

- Data science/analyst (python, sql, statistics, numpy, pandas package, powerBi and machine learning)

RELEVANT PROJECT

Image Creation with Gemini and OpenAI

- In this project by we have created prompt by using Gemini API and by the same prompt we have created , classified and process Image by using Vertex AI Tool

Document Reader with LLAMA

- In this project by using LLAMA2 LLM , ChromaDB embedding database HuggingFace Model for embedding with langChain Platform . we have trained the model by reading the document from above technique and get the information accordingly .

Authentication Login Page with Flask

- In this project we have created login and signUp system with authentication for front end we have used bootstrap and flask for server side and MySql database.

Movies Recommendation System

- In this project we have trained a model which deduct the similar kind of movies and recommend users . we have used text classification , feature extraction and vectorization based on nearest neighbors algorithm.

Restaurant Review feedback System

- In this project we have trained the model to auto deduct the positive and negative reviews . we have used the tools like text classification , feature extraction and vectorization based on NLP.

Attendance System

- In this project we have trained a model that will deduct the face by CV2 library and the model trained by logisticRegression algorithm.

EDUCATION

2021 - 2023 | Dr. Ram Manohar Lohia Avadh University Ayodhya

Master of Computer Applications (MCA)

percentage : 69.5

2018 - 2021 | Dr. Ram Manohar Lohia Avadh University Ayodhya

Bachelor of Computer Applications (BCA)

percentage : 67.7

2017 - 2018 | O. K. AM Inter College

Intermediate (mathematics)

percentage : 71.2

CERTIFICATIONS

- Certificate in CCC examination with B grade
- Certificate in Internshala training with Python
- Certificate in Ducat training school with data science

LANGUAGES

- English
- Hindi