Anshul Raj Verma

AI Engineer | Bihar, India | ✉ arv.anshul.1864@gmail.com | ⌨ github.com/arv-anshul | in linkedin.com/in/arv-anshul | 🌐 arv-anshul.github.io

WORK EXPERIENCE

LeapX.ai   2024-07 – 2024-11
Data Science Intern

- Built a chat-with-data Chatbot to query data generated from running campaigns on different platforms.
- Developed REST API for Ads Campaigns Dashboard using FastAPI, Meta Ads API and MongoDB.
- Finetune BERT Transformer model for Intent Classification of Search Keywords to choose better keywords for campaigns.
- Built an ETL pipeline and scheduled with CRON job to store Ad Campaigns data into MongoDB every hour for different breakdowns.
- Scheduled a Web Scraper with CRON job to scrape website on weekly basis and store the data into DB using Scrapy framework.

PROJECTS

YouTube Comment Sentiment   Link
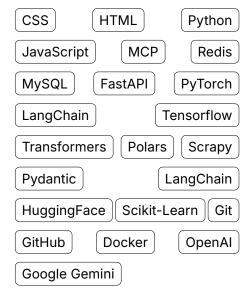*Machine Learning, MLOps, Docker, VueJs*

- Trained a ML model to predict the sentiment of youtube comments.
- Used MLFlow, DVC with DagsHub for ML Pipline's experiment tracking.
- Develop REST API to serve the model and fetch data related to youtube videos using FastAPI.
- Built frontend using VueJS and deployed on GitHub pages using GitHub Actions.

Canvas AI   Link
LLM, Google Gemini, LangChain

- Evaluate Mathematics or Physics expression by drawing your problem on Canvas.
- Uses Google Gemini Flash to analyse canvas drawing and extract the expression out of it.
- It provides a comprehensive solution to the extracted expression using its multimodal capabilities.
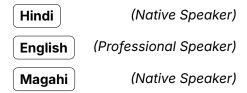
SKILLS

CSS · HTML · Python · JavaScript · MCP · Redis · MySQL · FastAPI · PyTorch · LangChain · Tensorflow · Transformers · Polars · Scrapy · Pydantic · LangChain · HuggingFace · Scikit-Learn · Git · GitHub · Docker · OpenAI · Google Gemini

EDUCATION

DAV Public School   *10th*
2022   *90%*

Manas Vidyalaya, Jehanabad   *12th*
2025   *58%*

LNCT Excellence, Bhopal, MP
B.Tech. (CSE/DS)
2029

LANGUAGES

Hindi   *(Native Speaker)*

English   *(Professional Speaker)*

Magahi   *(Native Speaker)*

CERTIFICATES

CampusX DSMP, CampusX   2025
Machine Learning | MLOps | ETL Pipeline