

ANSHUL RAJ VERMA

AI Engineer | Bihar, India

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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

Machine Learning, MLOps, Docker, VueJs – [Link](#)

- Trained a ML model to predict the sentiment of youtube comments.
- Used MLFlow, DVC with DagsHub for ML Pipeline'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

LLM, Google Gemini, LangChain – [Link](#)

- 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

Languages: Python, HTML, CSS, JavaScript

Frameworks: FastAPI, MCP, LangChain, PyTorch, Transformers, Tensorflow, Redis, MySQL

Libraries: Polars, Pydantic, LangChain, Scikit-Learn, HuggingFace, Scrapy

Developer Tools: Git, GitHub, Docker, Google Gemini, OpenAI

Languages: Hindi (Native Speaker), English (Professional Speaker), Magahi (Native Speaker)

EDUCATION

DAV Public School

2021 – 2022

10th / Secondary Education

90%

Manas Vidyalaya, Jehanabad

2024 – 2025

12th / Higher Secondary Education

58%

LNCT Excellence, Bhopal, MP

2025 – 2029

B.Tech. (CSE/DS) / Under Graduation

CERTIFICATES

CampusX DSMP, CampusX

2025

Machine Learning / MLOps / ETL Pipeline