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PULKIT KOMAL

SKILLS

Document Analysis, Audio Classification, REST APIs, Model Deployment, Git, Docker, Web Scraping, Python, AI/ML Algorithms, Data Visualization, Database, Communication, Problem-Solving, Client Engagement.

EXPERIENCE

Tatras Data, Mohali — *Associate Data Scientist*

APRIL 2023 - PRESENT

- Led the topic analysis initiative for a prominent Content Intelligence Platform, focusing on extracting meaning from text through identifying recurrent themes or topics.
- Did document analysis for a Major Consulting Firm: Employed Spacy and Yake to extract key phrases, and devised a pipeline for document clustering using text matching algorithms.

Tatras Data, Mohali — *Junior Data Scientist*

FEBRUARY 2022 - MARCH 2023

- Led the development team for Edu-Collab, an Online Education Platform for Sabudh, focusing on creating REST APIs, deploying models, and implementing task scheduling using Celery. Also, integrated web sockets for real-time chat functionality.

Sabudh Foundation, Mohali — *Junior Data Scientist*

NOVEMBER 2020 - JANUARY 2022

- Led the development of REST APIs, supervised the training of a Binary Classification model for bird calls in audio recordings with ambient sound, and orchestrated task scheduling for model training using Celery.
- Guided and supervised interns and final semester students from colleges across India, fostering their professional growth and development.

IISER, Mohali — *Co-Instructor*

JANUARY 2023 - PRESENT

- Delivered lectures on Docker, Flask and Pytorch to final year students as part of the course IDC410.

EDUCATION

GNDEC, Ludhiana — *Bachelor's in Computer Science*

JUNE 2015 - JUNE 2020

AWARDS

- Presented a research paper on "KUK: Towards an AI Assisted Tool for Bird Call Detection and Analysis in the Wild" as the author at FCDSEGS 2021 conference.
- Recognized with 4 Employee of the Month and 1 Employee of the Financial Quarter awards at Tatras Data.