KAPIL

Dehradun , Uttarakhand

☎ +91-9996547555   ✉ ky8050989@gmail.com   in Linkedin   ⌂ Github

EDUCATION

University of Petroleum and Energy Studies   **2023 − 2027**
*B.Tech - Computer Science and Engineering - **CGPA - 7.91***   *Dehradun , Uttarakhand*

COURSEWORK / SKILLS

- Data Structures
- RAG
- Computer Vision
- Machine Learning
- Transformers
- Deep Learning
- Generative AI
- NLP
- LangChain
- FastAPI
- DevOps
- LLM

EXPERIENCE

● **Weazy**   **June 2025 - Present**
AI Intern   *Remote*

- Optimized latency by 30% in response time of deployed LLM agents through request batching.
- Wrote unit tests and used Postman and Swagger for API documentation, enhancing developer experience.
- Collaborated with frontend team to integrate chat agents into SaaS dashboard using WebSockets.

● **OPEN Community**   **Feb 2025 - Present**
Student Developer   *Dehradun,Uttarakhand*

- Contributed to open-source projects in Python and JavaScript, including feature development, bug fixes, and documentation updates.
- Organized internal knowledge-sharing sessions on Flutter and Git workflows for new contributors.
- Participated in community-led development sprints and code reviews.

● **Self Reliant India**   **June 2024 - July 2024**
Summer Intern   *Rewari, Haryana*

- Collaborated with local educators to enhance learning resources and community engagement.

PROJECTS

NeoBot - An AI Chatbot ⧉ | Python,Flask,SQL,HTML,CSS,JS, Gemma API

- Built an LLM-based chatbot using Flask, SQL, and Gemma API (9B model).
- Implemented message cleanup in SQL for database efficiency. Enhanced user engagement through a responsive web interface.

DeepFake Detection Model ⧉ | Python , Deep Learning , Xception CNN , Streamlit

- Developed a deepfake detection model by fine tuning the Xception CNN architecture, achieving 70 percent accuracy in identifying manipulated media.
- Trained the model on a curated dataset of real and fake images/videos, optimizing it with data augmentation and transfer learning.
- Increased the accuray to 83 percent using the Dropouts and Early Stopping.

TECHNICAL SKILLS

Languages: C/C++ , Python ,Java , JavaScript , SQL , HTML5 , CSS3
Technologies/Frameworks: OpenCV , Flask , scikit-learn , TensorFlow , Streamlit, NLTK , Vector Databases
Developer Tools: Colab , Git , Jira , Jenkins , Docker , Kubernetes , Ansible , Gitlab , Terraform , Sagemaker

CERTIFICATIONS

- Introduction To Generative AI - Coursera
- Introduction To Data Science - Cisco Networking Academy

EXTRACURRICULAR

- Participated in the 21 **Days of Code** organised by UPES.