Manav Kaushal

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Summary

Aspiring AI/ML Engineer with real-world experience using LLMs, FastAPI, and Streamlit. Proven in NLP, predictive analytics, and national hackathons, with a drive to build problem-solving AI products.

Projects

Synthex[Repo]
05/2025 - 05/2025

- Designed an AI assistant with prompt engineering logic to break down code for educational use cases. Focused on user-centric design, tested prompts using structured success metrics, and deployed using FastAPI and Streamlit.

LinkeDin-Post Generator[Reop]
04/2025 - 04/2025

LinkeDin-Post Generator for creating engaging multilingual posts

- Developed an AI-powered LinkedIn Post Generator using Streamlit and Groq's LLaMA 3–70B API

Youtube-Summarizer-Quiz Generator[Repo]
02/2025 - 02/2025

- Developed a summarization tool leveraging Google Gemini AI, with use-case testing across diverse video categories. Prioritized user comprehension and output quality using data-driven evaluations.

APS Predictive Model[Repo]
11/2024 - 12/2024

Built a predictive failure detection model for commercial vehicle air pressure systems, enabling early intervention and minimizing operational risk. Applied classification models using scikit-learn and Python, and interpreted outputs using statistical methods.

Technical Skills

- **Languages:** Python, C, HTML/CSS, JavaScript ,SQL,Bash
- **Frameworks & Tools:** FastAPI, Streamlit, Flask, SQLAlchemy, Docker, Git, Postman, GitHub Actions
- **AI/ML & Data Science:** Scikit-learn, TensorFlow, PyTorch, Hugging Face, Keras, NLP, RAG, Prompt Engineering, Agentic Workflows, OpenCV, ,Pandas,
- **Tools:** VS Code, Jupyter Notebook, Google Colab, MS Office, Canva, Adobe After Effects

Education

Jagannath Institute of Management and Science

BCA in Data science(7.52 Till Sem 5)
2022 - 2025

Certifications

- **Python for Data Science –** NPTEL (Sept 2024)
- Machine Learning -NPTEL(OCTOBER 2024)
- **Complete Machine Learning, NLP & Deployment Bootcamp – Udemy (Dec 2024)**
- **Introduction to Generative AI -Google Cloud(April 2025)**

Extracurricular Activities

- Participated in **Hackathons**: Mind Installer 3.0, HackCraft 2.0, SRM Builds 6.0,SIH 2024
- Member of the Organizing Committee, **Inception 2023**