Manav Kaushal

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Summary

I am a dedicated BCA student specializing in Data Science with a strong foundation in programming languages like Python and Java, and proficiency in various frameworks and AI/ML technologies. I have developed innovative projects, including AI tools while actively participating in hackathons and volunteer activities

Education

Jagannath Institute of Management and Science
BCA in Data science(7.52 Till Sem 5)   2022 - 2025

Govt. Co-Ed School B-4 Paschim Vihar
12th Grade(73.2%)   2021 - 2022

RPVV A-6 Paschim Vihar, New Delhi
10th Grade(72.4%)   2019 - 2020

Projects

Synthex
05/2025 - 05/2025

Synthex - AI coding assistant focused on developer productivity and learning

- Created an AI coding assistant with FastAPI, Streamlit, and LLMs for code explanation and interactive tutorials

LinkeDin-Post Generator
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

AI-Driven Yt Video summarizer
02/2025 - 02/2025

AI-Driven Yt Video summarizer utilizing Google Gemini AI

- Developed an LLM-driven YouTube video summarizer that generates detailed summaries and interactive quizzes

APS Predictive Model
11/2024 - 12/2024

APS Predictive Model focused on failure detection

- Created a predictive model to detect failures in commercial vehicle air pressure systems, enhancing reliability

Technical Skills

- **Languages:** Python, C, Java (Basic), HTML/CSS, JavaScript (Basic), SQL,Bash
- **Frameworks & Tools:** FastAPI, Streamlit, Flask (Basic), 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

Certifications

- **Python for Data Science –** NPTEL (Sept 2024)
- Machine Learning -NPTEL(OCTOBER 2024)
- **Complete Machine Learning, NLP & Deployment Bootcamp –** Udemy (Dec 2024)

Extracurricular Activities

- Participated in **Hackathons**: Mind Installer 3.0, HackCraft 2.0, SRM Builds 6.0,SIH 2024
- Member of the Organizing Committee, **Inception 2022**
- Contributed to GitHub projects for **Hacktoberfest 2023**
- Volunteer at **Comic-Con Delhi 2023**