

NAINCY SHUKLA

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[GitHub](#) | [Leetcode](#) | [Portfolio](#)

PROFILE SUMMARY

Undergraduate in Computer Science with practical experience in machine learning, deep learning, and generative artificial intelligence. Skilled in AI frameworks, Python, and SQL. Developed real-world GenAI applications using LangChain. Certified by HP in Data Science and Artificial Intelligence. Proficient in analytics and dashboard creation using Streamlit and Power BI.

TECHNICAL SKILLS

Languages: Python, SQL

Concepts: DSA, OOP

Machine Learning: Regression, Classification, Clustering, Scikit-learn, TensorFlow, PyTorch

Deep Learning: Neural Networks, CNNs, RNNs

Generative AI: LangChain, Prompt Engineering, RAG, Hugging Face Transformers

Libraries & Tools: NumPy, Pandas, Matplotlib, Seaborn, OpenCV, Streamlit

BI & Visualization: Power BI, Excel

Development Tools: Jupyter Notebook, Git, GitHub, VS Code, Linux (Basic)

PROJECTS

- **Our AI – Generative AI Chatbot** [Live Demo](#)
Created a conversational chatbot named *Our AI* using Gemini API that responds to real-time user queries across various topics. Focused on natural language understanding and API integration.
- **Movie Recommender System – ML** [Live Demo](#)
Built a content-based movie recommender using cosine similarity to suggest similar movies based on genres and overviews. Implemented using Python, Pandas, and scikit-learn.
- **WhatsApp Chat Analyzer – ML** [Live Demo](#)
Developed a chat analysis tool to extract insights from WhatsApp messages, including user activity, emoji usage, and message frequency. Used Python, regex, and Matplotlib for visualization.
- **E-commerce Sales Dashboard – Power BI** [Live Demo](#)
Designed an interactive dashboard using Power BI to visualize key sales metrics, regional performance, and product-wise trends. Used DAX and Power Query for data modeling and insights.

EDUCATION AND CERTIFICATE

B.Tech in Computer Science – KNIPSS College, Sultanpur

Currently Pursuing | Expected Graduation: 2026

Class 12 (2022) – 70%

Class 10 (2020) – 77%

Certifications:

- Data Science, AI & Data Presentation – HP Training Program
- Data Science Intern – Cognifyz Technologies – [View Certificate](#)

STRENGTH

Adaptable, fast learner with strong communication skills, logical thinking, problem-solving mindset, and regular DSA practice (LeetCode).