

SUMMARY

B.Tech student focused on building practical AI systems with strong foundations in Machine Learning, NLP, and Agentic Automation. Experienced in developing intelligent applications through data-driven workflows, recommendation systems, and automation pipelines. Passionate about solving real-world problems using scalable AI solutions and continuously improving through open-source, mathematics, and system-building.

SKILLS

Languages: Python, SQL, PowerShell

AI/ML: Machine Learning, NLP, LLMs, RAG, Recommendation Systems

Libraries: NumPy, Pandas, Scikit-learn, Matplotlib

Tools: Git, GitHub, Linux, Jupyter Notebook

Automation: PowerShell Scripting, Workflow Automation

Core CS: Data Structures & Algorithms, OOP, DBMS, OS, CN

PROJECTS

Movie Recommendation System

Python, Pandas, NumPy, Scikit-learn

- Built a content-based movie recommendation engine using vectorization and cosine similarity.
 - Processed and analyzed movie metadata to generate personalized recommendations.
 - Applied feature engineering techniques to improve recommendation quality and relevance.
 - Implemented similarity optimization for better content matching efficiency.
-

Developer Portfolio Website

HTML, CSS, GitHub Pages

- Designed and deployed a responsive personal portfolio website to showcase projects, skills, and technical journey.
 - Built clean and minimal UI focused on performance and accessibility.
 - Integrated project sections, skill display, and professional contact information.
-

EDUCATION

Bachelor of Technology (B.Tech) — Computer Science Engineering (Hons.) AI & ML

Graphic Era Hill University, Bhimtal

July 2026 – June 2030

CERTIFICATIONS

- IBM Machine Learning with Python
- IBM Python for Data Science