

AAKRITI GARKOTI

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Education

Graphic Era Hill University

Bachelor of Technology in Computer Science | 7.59 CGPA

September 2022 – May 2026

Uttarakhand

Saraf Public School

Intermediate | 79%

July 2022

Khatima, Uttarakhand

Saraf Public School

Matriculation | 81%

May 2020

Khatima, Uttarakhand

Projects

Movie Recommendation System | Python, TensorFlow, Keras, Scikit-learn

January 2024 - March 2024

- Developed a movie recommendation system leveraging collaborative filtering and content-based techniques, achieving a prediction accuracy of 85%.
- Processed and analyzed a dataset of 10,000+ movies, optimizing user recommendations with machine learning algorithms.

Healthcare Bot | Python, NumPy, Seaborn, Matplotlib

November 2023 - December 2023

- Built a chatbot to handle 100+ healthcare inquiries daily, achieving 90% user satisfaction.
- Integrated machine learning models for intent recognition, reaching 88% accuracy in query identification.
- Visualized health-related trends using Seaborn and Matplotlib, aiding decision-making for healthcare professionals.

Notes Sharing Platform | HTML, CSS, JavaScript, Bootstrap

July 2023 - August 2023

- Developed an educational platform for 500+ students to share and access notes, increasing collaboration and accessibility.
- Increased user retention by 30% through responsive design and improved navigation.
- Implemented real-time collaboration features, boosting group study efficiency by 25%.

Experience

Bharat Intern

May 2024 – June 2024

Software Developer Intern

Bharat Intern

- Engineered and maintained web-based project management platforms using Node.js and Express, resulting in a 25% increase in task efficiency through streamlined workflows tailored to user needs.
- Partnered with multidisciplinary teams to implement 10+ new features, increasing platform usability by 30%.
- Optimized backend processes, reducing API response time by 15% and enhancing application performance.

Skills

Languages: C++, Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Git, GitHub, Google Cloud Platform, Jupyter Notebook

Libraries/Frameworks: OpenCV, Dlib, Flask, Scikit-learn, Pandas, Hugging Face, TensorFlow, PyTorch

Domains: Data Science, Machine Learning, Artificial Intelligence, Natural Language Processing, Computer Vision

Relevant Coursework

- Data Structures and Algorithms
- Database Management
- Operating System
- Data Science and Machine Learning
- Computer Networking
- Object Oriented Programming

Achievements / Extracurricular

- Achieved resolution of over 150 coding challenges on platforms on Leetcode, leading to a competitive college ranking of 190 among more than 1500 peers in GeeksForGeeks community.
- Presented a comprehensive seminar focusing on the complexities of the Dark Web's infrastructure and associated security risks; garnered positive feedback from over 80% of attendees for clarity and insightfulness.
- Artificial Intelligence:** Completed a comprehensive Infosys course in Artificial Intelligence, gaining expertise in AI technologies and applications.
- Achieved personal milestones by completing three specialized programming tournaments focused on algorithm optimization, leading to a measurable increase in efficiency with code execution times reduced by approximately 30%.