

Nitika Bhatia

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SKILLS

• Languages:	C++, Python, C, Java
• Frameworks:	TensorFlow & Keras, scikit-learn, PyTorch, NumPy, Pandas, Matplotlib, Seaborn
• Tools/Platforms:	VS Code, Google Colab, Jupyter Notebook, OpenCV, NLTK, spaCy, Excel MySQL
• Soft Skills:	Leadership Qualities, Adaptability, Multitasker, Problem-Solving, Communication

TRAINING

Board Infinity	June 2024 - July 2024
<ul style="list-style-type: none">• Online summer training to learn Data Structure and Algorithm• Gained proficiency in key concepts like arrays, linked lists, stack, queues, trees and hash tables.• Developed problem-solving skills by practicing algorithm design and optimization techniques.• Enhanced knowledge of recursion and sorting/searching techniques.	

PROJECTS

MovieMate – ML Movie Recommendation App (Python, scikit-learn, Flask, React.js, Pandas)	March 2025
<ul style="list-style-type: none">• Created a content-based movie recommendation system using cosine similarity and TF-IDF vectorization.• Built a Flask API backend to serve recommendations and designed a responsive React.js frontend for user interaction.	
Fake News Detector – Machine Learning App (Python, scikit-learn, Flask, Natural Language Processing (NLP), Pandas)	February 2025
<ul style="list-style-type: none">• Built a machine learning-powered web application to classify news articles as real or fake.• Implemented data preprocessing, feature extraction (TF-IDF), and logistic regression classifier for real-time predictions.	
AI Voice Assistant (HTML, CSS, JavaScript, Web Speech API)	October 2024
Developed a web-based voice-enabled AI assistant that processes user voice commands using Web Speech API and provides real-time responses. Implemented speech recognition and synthesis to create an accessible and interactive experience.	

CERTIFICATES/CERTIFICATIONS

• Successfully completed certification of Cloud Computing NPTEL --- Certificate Link	October 2024
• Successfully completed training in C++ and DSA Board Infinity --- Certificate Link	July 2024
• Successfully completed certification of ChatGPT Advanced Data Analysis. --- Certificate Link	May 2024

ACHIEVEMENTS

• Participated in Smart India Hackathon.	September 2024
• Built a project on Green Credit Management in SAP Hackfest.	March 2024

EDUCATION

• Lovely Professional University Bachelor of Technology - Computer Science and Engineering	Expected July 2026 Phagwara, Punjab
• DAV Public School Intermediate	2021 - 2022 Rohini, New Delhi