

PRIYANSHI BARMOLA

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EDUCATION

Year	Degree/Exam	Institute	GPA/Marks
2022 - Present	B.Tech (CSE)	Graphic Era University, Dehradun	8.6/10 CGPA
2022	12th	Hilton's School, Dehradun	81 %
2020	10th	Hilton's School, Dehradun	91.6 %

PROJECTS

- **Multi-Threaded web-server for load optimization** (March 2025 – May 2025)
A group project where we built a high-performance Java client-server system with a proxy server handling 100+ concurrent clients using multithreading and efficient socket communication.
- **Weather API App** (March 2025 – April 2025)
Built a web app using HTML, CSS, and JavaScript to fetch real-time weather data via WeatherAPI. Implemented asynchronous API calls for retrieving temperature, conditions, and icons based on user-input locations.
- **Breast Cancer Classification Using Deep Learning** (Feb 2024 – Dec 2024)
Developed CNN models for breast cancer classification, achieving 94% accuracy on 5,000 images. Later, fused ResNet-50 (92%) and VGG-19 (95.06%), boosting accuracy to 98.04%, demonstrating deep learning expertise in medical imaging.
- **Fake News Detection using Machine Learning** (Nov 2023 – Jan 2024)
Developed an NLP-based fake news detection model trained on 16,000 Indian news articles. Used logistic regression achieving 97.4% precision.

TECHNICAL SKILLS

- **Languages:** C++, C, Java, Python
- **Scripting Languages:** HTML, CSS, JavaScript
- **Skills:** Machine Learning, Deep Learning, Data Structures and Algorithms, AI, Frontend development, Backend Development, SQL
- **Developer Tools:** VS Code, Google Colab, Jupyter Notebook, GitHub

ALGORITHMIC COMPETITIONS/ACHIEVEMENTS

- **LeetCode Achievements** (2024 – present)
Solved 450+ problems on LeetCode, focusing on data structures, algorithms, and competitive programming.
- **HackerRank** (2023 – present)
Solved 250+ problems on HackerRank, specializing in algorithms and data structures.

CERTIFICATIONS

- **Machine Learning - Stanford University** (July 2024 - Sept 2024)
Completed a three-course program covering supervised, unsupervised, and reinforcement learning. Gained hands-on experience with Python, TensorFlow, and scikit-learn, focusing on model building, evaluation, and real-world AI applications.
- **Data Science - Google** (Jan 2023 – Feb 2023)
Completed course in machine learning, data visualization, and predictive modeling using SQL, R, and Tableau. Developed strong analytical and data-driven decision-making skills.