

# Chetanya Jain

UPES,Dehradun

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## Education

UPES, Dehradun	Aug 2022 – Present
B. TECH (Computer Engineering in Big Data (Honors))	CGPA: 8.0/10
Sachdeva Public School, New Delhi	May 2020 - May 2022
Intermediate in PCM	80%
High School	80.6%

## Technical Skills



**Languages:** Python, C, C++, HTML, CSS, JavaScript  
**Databases:** MongoDB, MySQL  
**Frameworks & Tools:** Apache PySpark, Apache Hadoop, Apache Lucene, Scala  
**Libraries:** NumPy, Pandas, Matplotlib  
**Developer Tools:** VS Code, Git, GitHub, Adobe Premiere Pro  
**Data Structures and Algorithms**  
**CS Fundamentals:** Computer Networks, Operating System, DBMS, Object-oriented Programming

## Projects

1.Event Management System   Developed a Python-based event management system.	Jan 2024 - Apr 2024
<ul style="list-style-type: none"><li>Successfully built a system using Python and MongoDB for efficient event and user data management.</li><li>Implemented features such as event selection, ticket booking, and real-time updates for better user engagement. Achieved <b>real-time functionality</b> to enhance user engagement and foster a sense of community within the platform.</li><li>Ensured seamless database operations with MongoDB, optimizing data retrieval and storage.</li><li><b>Tech Stack:</b> Python, MongoDB</li></ul>	
2.Netflix Clone   Built a Netflix-inspired streaming platform	Jan 2024 – Apr 2024
<ul style="list-style-type: none"><li>Created a Netflix clone focusing on UI replication and user experience using HTML, CSS, and JavaScript.</li><li>Designed an intuitive user interface with responsive elements for a seamless streaming experience.</li><li><b>Tech Stack:</b> HTML, TAILWINDCSS, JavaScript</li></ul>	
3. Game Fusion: A Unified Gaming Experience   Developing a gaming platform.	Aug 2024 - Dec 2024
<ul style="list-style-type: none"><li>Building an interactive gaming platform integrating Chess and Mendelev's Marvel.</li><li>Focused on creating an engaging user interface and smooth gameplay experience.</li><li>Optimizing graphics rendering using OpenGL for a visually appealing interface.</li><li><b>Tech Stack:</b> HTML, CSS, JavaScript, OpenGL, C++, MongoDB</li></ul>	
4. Deepfake Detection System   Developed a deep learning-based fake video identification system	Jan 2025 - Apr 2025
<ul style="list-style-type: none"><li>Designed and implemented a system to detect deepfake videos using Convolutional Neural Networks (CNN) and transfer learning.</li><li>Integrated EfficientNet-based architecture to achieve high accuracy in classifying real vs. fake videos through facial frame analysis.</li><li>Built a Django-based web interface enabling users to upload and validate videos in real-time. • Ensured accurate model evaluation using precision, recall, F1-score, and ROC-AUC for performance benchmarking.</li><li>Streamlined dataset preprocessing, frame extraction, and batch processing to optimize training workflow.</li><li><b>Tech Stack:</b> Python, TensorFlow, Keras, OpenCV, Django, EfficientNet, NumPy, Scikit-learn Achievements</li></ul>	
<ul style="list-style-type: none"><li>Amplified participation and secured essential funding for MTC events through strategic public relations efforts.</li><li>Led the coordination of large-scale events, driving their success and enhancing the organization's reputation.</li><li>Problem Solving: Solved around 100+ questions on LeetCode, GeeksforGeeks, CodingNinjas, and other platform - Certified in Data Structures and Algorithms from Coding Blocks. (May 2024-July 2024)</li></ul>	

## Profiles

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- Codeforces | 
- LeetCode | 

- GitHub | 
- GeeksForGeeks | 

## Position Of Responsibility

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- Work for **Microsoft Technical Committee A Student Chapter** and as a **Public Relations Head** and as an **Advisor for the chapter**.
- Developed promotional strategies, secured sponsorships, and enhanced chapter visibility.
- Enhanced the organization's reputation and community presence through effective communication strategies.

## Leadership / Extracurricular

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- Consistently achieved gains in both stock market and crypto trading through disciplined strategies, actively participating and securing a notable percentage increase in returns. And working on Serato Studio and make beats for myself
- Deloitte Australia Data Analytics Job Simulation on Forage - May 2025
- Completed a Deloitte job simulation involving data analysis and forensic technology. Created a data dashboard using Tableau. Used Excel to classify data and draw business conclusions