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## EDUCATION

Year	Degree/Exam	Institute	GPA/Marks(%)
Sept, 2022 - Present	B.Tech in Computer Science	Graphic Era Hill University, Dehradun	7.4/10
2022	12th (U.K Board)	R.K Inter College	74.80 %
2020	10th (U.K Board)	Saraswati Vidya Mandir	70.20 %

## PROJECTS

- **Uttarakhand Trip Planning Application** (April 2024 - August 2024):  
Developed a Streamlit-based trip planner that generates intelligent itineraries for Uttarakhand trips. Integrated PDF document retrieval, vector embeddings, and dynamic map links to enhance the user experience.  
**Technologies:** Python, Streamlit, NVIDIA AI, LangChain.
- **Data Talk** (June 2024 - July 2024):  
Created a Streamlit application to convert natural language queries into SQL for seamless database interaction. Designed a user-friendly interface and included detailed documentation for efficient data retrieval.  
**Technologies:** Python, Streamlit, Google's Gemini model.
- **Authentication App with CAPTCHA Verification** (January 2024 - March 2024):  
Developed an authentication app featuring username/password input and CAPTCHA challenges for secure logins. Implemented OCR to verify drawn CAPTCHA, enhancing security in login processes.  
**Technologies:** Python, Tkinter, OCR.
- **Secure Messaging Application with Text Encryption and Decryption** (November 2023 - January 2024):  
Developed a messaging app with custom encryption using bitwise XOR operations for robust security. Implemented functionalities for both encryption and decryption.  
**Technologies:** Python, Bitwise XOR, Self Developed Encryption Algorithm.

## TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python.
- **Platforms:** VS Code, Pycharm, Git Bash, GitHub, VirtualBox, Google Colab.
- **Frameworks:** Streamlit, LangChain.

## SCHOLASTIC ACHIEVEMENTS / COURSES

- **Python Programming Course by Blaze Forge:** Successfully completed a 3-month intensive Python programming course, covering Git, GitHub, OOP concepts, Tkinter, and Streamlit. Developed projects including a calculator, QR code generator, and notepad.
- **HackerRank Certifications:**
  - **Python Basics Test:** Demonstrated proficiency in Python programming.
  - **Java Basics Assessment:** Showcased foundational skills in Java programming.
- **Project Showcase by Innofussion Club:** Achieved **1st place** in the software category with the **Uttarakhand Trip Planning Application**, demonstrating exceptional coding skills, presentation, and teamwork.